

Section 29

Manufactures

This section presents measures of the manufacturing segment of the economy and its component inputs and outputs. The input data include figures for establishments; employment and wages; raw materials, fuels, and electricity consumed; plant and equipment expenditures; and water use. The output data include figures for value and quantity of production and shipments; and value added by manufacture. Both types of data are shown for manufacturing as a whole, for major product groups, and for specific selected products.

The principal sources of these data are the reports of the Census of Manufactures conducted periodically by the Bureau of the Census; the same agency's *Annual Survey of Manufactures*; and its *Current Industrial Reports* series which presents monthly, quarterly, or annual data on production, shipments, and stocks for particular commodities. Indexes of industrial production are presented monthly in the Federal Reserve Board's *Federal Reserve Bulletin*. Reports on current activities of industries, or current movements of individual commodities, are also compiled by such government agencies as Bureau of Labor Statistics, Statistical Reporting Service of the Department of Agriculture, Business and Defense Services Administration, Fish and Wildlife Service, Tariff Commission, and Internal Revenue Service; and by private research or trade associations such as the American Iron and Steel Institute, the National Canners Association, and the National Association of Hosiery Manufacturers.

Data on financial operations and intercorporate relations of manufacturing corporations are collected from time to time by the Securities and Exchange Commission, the Tariff Commission, and the Federal Trade Commission. Financial statistics for certain manufacturing industries in the form of balance sheets, profit and loss statements, analyses of sales and expenses, lists of subsidiaries, and types and amounts of security issues are summarized and published for the leading corporations that are registered with the Securities and Exchange Commission. The Tariff Commission publishes commodity surveys which cover economic and competitive aspects of production, distribution, and international trade in selected important industries. Each survey deals with several products which are related because of the raw materials consumed, or because of their competitive uses. The Federal Trade Commission has made several comprehensive studies of individual industries.

Censuses and annual surveys.—The first Census of Manufactures covered the year 1809. Thereafter, a census was taken at 10-year intervals to 1899, with the exception of 1829. It was conducted at 5-year intervals from 1904 through 1919, and at 2-year intervals from 1921 through 1939. It was suspended during the war period until the 1947 Census. A census covering the year 1954 was the first taken under present legislation which provides for a quinquennial Census of Manufactures. The most recent census covers the year 1963.

The *Annual Survey of Manufactures*, conducted for the first time in 1949, carries forward, for the intercensal years, measures of manufacturing activity covered in detail by the quinquennial Census of Manufactures. It provides statistics on employment, payrolls, value added by manufacture, inventories, and new capital expenditures for industry groups, individual industries, geographic divisions, States, and large standard metropolitan statistical areas.

The most recent annual survey is based on a sample of about 60,000 of an approximate total of 300,000 manufacturing establishments. It comprises all large plants, which account for approximately two-thirds of total manufacturing employment in the United States, and a representative selection of the more numerous small plants. Government-owned and -operated establishments are excluded.

Establishments and classification.—The 1947, 1954, and 1958 Censuses of Manufactures covered operating manufacturing establishments as defined in the *Standard Industrial Classification Manual* issued by the Bureau of the Budget. Reports were required from all establishments employing one or more persons at any time during the census year. Each of the establishments tabulated was classified in one of the more than 400 manufacturing industries as defined by the Standard Industrial Classification system. This system defines an industry as a number of establishments producing a single product or a closely related group of products. An establishment is classified in a particular industry if its production of this product or product group exceeds in value its production of any other product group. In a few instances, the industry classification of an establishment is determined not only by its product group but also by the processes employed in making the products.

A revised edition of the *Standard Industrial Classification Manual*, which made extensive modifications in some of the industry groupings, was issued in 1957. Final reports of the 1958 Census of Manufactures present data tabulated on the basis of the new classifications and include 1954 Census data converted to the new SIC to effect comparability for the two years. Because of the revisions in the classification system, 1954 and 1958 Census data for some industries and industry groups are not comparable with figures for prior years.

While some establishments produce only the products of the industry in which they are classified, it rarely happens that all the establishments in an industry specialize to that extent. The statistics on employment, payrolls, value added, inventories, and expenditures, therefore, reflect not only the primary activities of the establishments in that industry but also activities of a secondary nature. For this reason the industry statistics usually cannot be directly related to statistics on the total shipments of products primary to the industry.

The 1947, 1954, and 1958 Censuses were conducted on an establishment basis. The term "establishment" signifies a single physical plant site or factory. It is not necessarily identical with the business unit or company, which may consist of one or more establishments. A company operating establishments at more than one location is required to submit a separate report for each location. An establishment engaged in distinctly different lines of activity and maintaining separate payroll and inventory records is also required to submit separate reports.

The basic statistical measures of manufacturing activity, such as employment, payrolls, value added, etc., are defined in essentially the same way for the annual surveys as for the Census of Manufactures. Consequently, these series may be considered comparable, except for the changes brought about by the 1957 revisions in the industry classification system noted above. However, beginning with 1949, average employment was calculated from the figures reported for the pay periods ending nearest the fifteenth of March, May, August, and November, whereas for 1947 such averages were based on 12 monthly employment figures. The 1954 figures are an average of reported employment totals for the four specified months, except for highly seasonal industries, where a 12-month average was obtained. For 1958, averages of production workers for the four specified months plus the March figure for "all other employees" were used for all industries. Further, 1947 figures exclude data for central administrative offices and auxiliary establishments of manufacturing concerns, which are included in the statistics for later years.

Alaska and Hawaii.—Statements specifying inclusion or exclusion of figures for Alaska and Hawaii appear in the headnotes to each table unless the inclusion or exclusion is self-evident. "Conterminous area" refers to the United States excluding Alaska, Hawaii, and outlying areas.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

Technical Note—Annual Survey of Manufactures

The annual survey estimates vary from the totals that would have been obtained from a complete canvass of all manufacturing establishments. The relative magnitude of this sampling variation is given in the table column captioned "Standard error." The standard error should be interpreted to mean that the sample estimates will differ from complete canvass totals by less than: (1) The percentage shown in approximately 2 cases out of 3; (2) twice the percentage shown in approximately 19 cases out of 20; and (3) three times the percentage shown in almost every case. It should be noted that standard errors are shown only for selected items. The standard errors of other measures are usually of the same general magnitude.

In making any study of the trend, it is important to take account of the effect of the sampling variation on the apparent increase or decrease shown between years. In addition to sampling errors, individual figures may be subject to biases arising from undetected response or procedural errors which are not reflected in the "standard errors." Figures are normally withheld from publication in the original source volumes if (1) the standard error of the estimate exceeds 15 percent, or (2) survey estimates are inconsistent with other Census series and related data. Any estimate which can be derived by subtraction of one published figure from another may have a standard error considerably in excess of 15 percent.

No. 1107. MANUFACTURES—SUMMARY: 1947 TO 1962

[Beginning 1958, includes Alaska and Hawaii. Figures cover all establishments employing 1 or more persons at any time during year. See also *Historical Statistics, Colonial Times to 1957*, series P 1-8]

YEAR	Operating estab- lishments	Propri- etors and firm members	ALL EMPLOYEES ¹		PRODUCTION WORKERS			Value added by manufac- ture ²
			Number (average for year) ³	Salaries and wages	Number (average for year)	Man- hours	Wages	
1947	240,807	1,000	1,000	Mil. dol.	1,000	Millions	Mil. dol.	Mil. dol.
1950 ⁴	260,000	189	14,294	39,696	11,918	24,316	30,244	74,290
		n.a.	14,770	47,893	11,779	23,717	34,600	89,750
1951 ⁴	262,000	n.a.	15,638	56,284	12,509	25,264	40,655	102,086
1952 ⁴	267,000	n.a.	16,061	61,141	12,706	25,618	43,764	109,162
1953 ⁴	285,000	n.a.	17,093	68,590	13,501	27,066	48,979	121,659
1954	286,814	198	16,126	65,977	12,373	24,341	44,595	117,032
1958 ⁴	283,047	n.a.	16,819	72,126	12,957	25,909	49,230	135,023
1956 ⁴	n.a.	n.a.	17,177	77,048	18,134	26,099	52,054	144,909
1957 ⁴	n.a.	n.a.	17,105	79,354	12,842	25,218	52,583	147,838
1958	299,086	186	16,025	78,326	11,666	22,672	49,575	141,500
1959 ⁴	n.a.	n.a.	16,662	85,642	12,265	24,431	54,681	161,315
1960 ⁴	n.a.	n.a.	16,763	88,087	12,212	24,180	55,547	164,003
1961 ⁴	n.a.	n.a.	16,331	88,128	11,778	23,231	54,743	164,179
1962 ⁴	n.a.	n.a.	16,766	94,291	12,130	24,273	59,120	179,290

¹ n.a. Not available.

¹ Includes data for employees of manufacturing establishments engaged in distribution and construction work. Beginning 1950, includes administrative offices, and units auxiliary to manufacturing.

² Data for all industries in 1950-1953 and 1955-1957, and for most industries in 1954, are based on pay periods ending nearest 15th of Mar., May, Aug., and Nov. For 1947, and industries of a seasonal type in 1954, data represent average of 12 monthly figures.

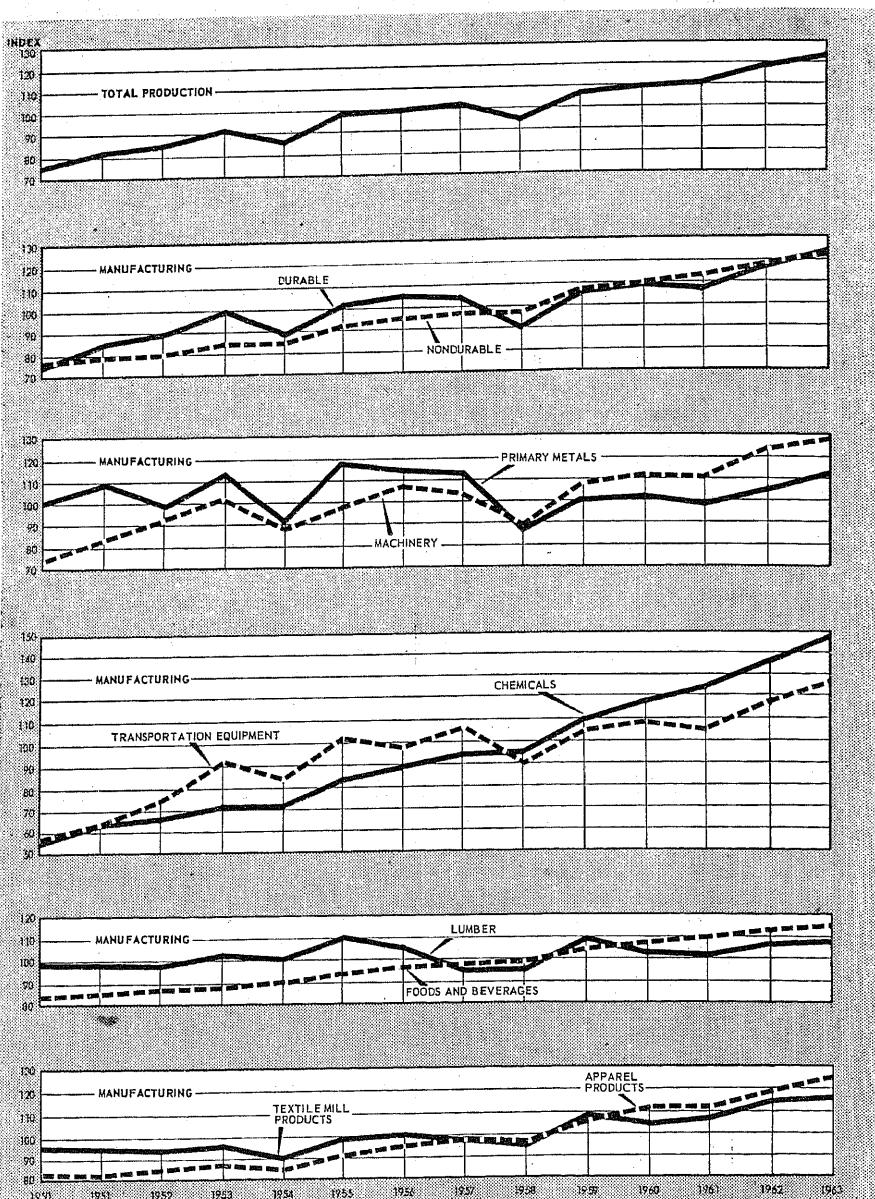
³ Unadjusted through 1953; thereafter, adjusted. For definitions, see footnote 3, table 1111.

⁴ Estimated based on sample; see text, pp. 767-769.

Source: Dept. of Commerce, Bureau of the Census; 1947, 1954, and 1958 Censuses of Manufactures reports, and *Annual Survey of Manufactures*.

FIG. XLIV. INDUSTRIAL PRODUCTION INDEXES: 1950 TO 1963

[1957-59=100. See table 1108]



Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data from Board of Governors of the Federal Reserve System.

Industrial Production

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No. 1108. INDUSTRIAL PRODUCTION—INDEXES, BY INDUSTRY: 1950 TO 1964

[1957-59=100. Quarterly data adjusted for seasonal variation. Based on 1957 Standard Industrial Classification. See *Historical Statistics, Colonial Times to 1957*, series P 11 and P 147-168, for indexes on 1947-49 base]

YEAR AND QUARTER	Total	MANUFACTURING										
		Durable manufactures										
		Total	Total	Primary metals	Fabricated metal products	Machinery	Transportation equipment	Instruments and related products	Clay, glass, and stone products	Lumber and products	Furniture and fixtures	Misc. manufactures
1950	75	76	74	100	85	73	56	57	81	98	79	89
1952	84	85	89	99	89	92	73	78	85	97	77	88
1953	91	93	100	113	100	101	92	85	87	102	80	99
1954	86	86	88	91	90	88	84	83	84	100	84	90
1955	97	97	102	118	98	97	102	89	96	110	95	101
1956	100	100	104	116	99	107	97	95	100	105	98	104
1957	101	101	104	112	102	104	106	98	98	96	97	99
1958	94	93	90	88	93	89	90	92	93	96	93	94
1959	106	106	106	100	106	107	104	110	108	109	111	107
1960	109	109	109	101	108	111	108	117	108	102	116	111
1961	110	110	107	99	107	110	104	118	106	101	115	113
1962	118	119	118	105	117	124	118	123	111	106	127	122
First quarter	116	116	116	115	113	119	113	119	109	105	121	118
Second quarter	118	119	118	104	118	124	118	123	111	107	128	125
Third quarter	120	120	110	98	120	126	122	125	112	107	129	125
Fourth quarter	119	120	119	100	118	126	122	125	113	106	129	122
1963 (prel.)	124	125	124	113	123	129	127	130	118	109	133	125
First quarter	120	121	120	106	119	126	122	127	113	110	128	121
Second quarter	124	125	125	124	123	128	126	129	116	108	132	124
Third quarter	126	126	128	113	126	131	128	133	119	108	136	128
Fourth quarter	127	128	127	109	126	133	131	132	121	111	136	127
1964:												
First quarter (prel.)	128	129	128	115	127	135	130	132	124	118	137	128

YEAR AND QUARTER	MANUFACTURING—Continued											Min-ing, total	Util-ities, total			
	Nondurable manufactures															
	Total	Textile mill products	Ap-parel products	Leath-er and products	Paper and prod-ucts	Print-ing and pub-lishing	Chem-icals and products	Petro-leum products	Rubber and plas-tics products	Foods and bev-erages	Tobac-co products					
1950	76	96	82	91	74	79	55	73	70	88	84	83	50			
1952	80	94	85	91	75	80	66	83	73	87	92	91	61			
1953	84	96	87	91	81	84	71	88	78	88	90	93	67			
1954	84	90	84	90	82	87	71	88	77	90	86	90	72			
1955	92	99	92	98	93	93	83	94	95	94	88	99	80			
1956	95	100	96	100	97	97	89	99	93	97	91	105	88			
1957	97	97	97	99	96	99	94	99	97	97	94	105	94			
1958	97	94	95	96	97	97	96	97	92	99	100	96	98			
1959	107	109	108	105	107	104	110	104	111	104	105	100	108			
1960	110	105	112	100	108	110	117	107	111	107	107	102	116			
1961	113	107	112	100	114	112	123	109	112	110	111	103	123			
1962	120	115	119	102	120	115	136	113	131	114	112	105	131			
First quarter	117	114	116	102	119	114	131	112	122	112	112	104	129			
Second quarter	120	117	118	104	119	115	136	112	131	113	110	105	130			
Third quarter	121	117	120	103	121	116	139	113	134	114	114	106	133			
Fourth quarter	121	113	122	100	120	114	139	114	136	114	112	105	133			
1963 (prel.)	125	117	126	100	125	116	149	117	139	116	115	108	141			
First quarter	122	113	123	198	123	110	142	115	135	114	104	137				
Second quarter	124	116	123	97	124	118	147	117	139	116	115	108	139			
Third quarter	127	119	127	102	127	119	152	118	141	117	117	111	144			
Fourth quarter	128	122	130	104	128	119	154	118	145	118	115	108	144			
1964:																
First quarter (prel.)	129	119	132	98	120	120	154	118	146	120	113	108	146			

Source: Board of Governors of the Federal Reserve System; *Industrial Production, 1957-59 Base, and Federal Reserve Bulletin*.

Manufactures

No. 1109. MANUFACTURES—GENERAL STATISTICS

[Beginning 1958, includes Alaska and Hawaii. "N.e.c." means not elsewhere classified. Data based on new editions of the *Statistical Abstract of the United States*.

	INDUSTRY GROUP	1954			1958			
		Establishments	All employees, payroll	Value added by manufacture, adjusted	Establishments	All employees		
						Number ²	Payroll	
1	All manufacturing establishments, incl. administrative and auxiliary units-----	(4)	Mil. dol. 65,867	Mil. dol. 117,032	303,536	1,000 16,025	Mil. dol. 78,326	Mil. dol. 141,500
2	Operating manufacturing establishments only-----	286,814	62,963	117,032	299,036	15,422	73,854	141,500
3	Food and kindred products-----	42,373	6,200	13,767	41,983	1,718	7,621	17,685
4	Meat products-----	4,992	1,235	1,938	5,546	312	1,467	2,502
5	Dairy products-----	11,503	1,086	2,303	9,879	295	1,351	2,876
6	Canned and frozen foods-----	3,513	573	1,374	3,819	234	775	1,969
7	Grain-mill products-----	3,410	495	1,487	3,484	119	576	1,850
8	Bakery products-----	6,414	1,124	2,057	6,365	302	1,338	2,643
9	Sugar-----	137	118	265	170	33	162	383
10	Candy and related products-----	1,490	255	610	1,458	80	299	750
11	Beverages-----	5,942	913	2,468	5,597	207	1,044	2,843
12	Other food preparations-----	(4)	(4)	(4)	5,570	135	607	1,850
13	Tobacco products-----	627	260	1,004	504	84	295	5,413
14	Cigarettes-----	19	104	677	19	34	142	1,059
15	Cigars-----	410	89	168	283	29	82	183
16	Chewing and smoking tobacco-----	65	23	80	58	6	24	86
17	Tobacco stemming and redrying-----	133	43	79	144	15	47	86
18	Textile mill products-----	8,054	2,989	4,606	7,675	902	2,938	4,858
19	Weaving mills, cotton-----	582	783	1,135	496	243	724	1,079
20	Weaving mills, synthetics-----	478	273	409	401	82	277	469
21	Weaving, finishing mills, wool-----	399	230	330	469	56	206	337
22	Narrow fabric mills-----	513	79	124	488	25	86	143
23	Knitting mills-----	3,042	597	940	2,786	213	650	1,101
24	Textile finishing, exc. wool-----	725	292	462	798	73	293	456
25	Floor covering mills-----	(4)	(4)	(4)	282	34	123	260
26	Yarn and thread mills-----	(4)	(4)	(4)	787	107	307	514
27	Misc. textile goods-----	(4)	(4)	(4)	1,168	69	272	499
28	Apparel and related products-----	31,372	3,202	5,166	29,358	1,182	3,590	5,6,011
29	Men's and boys' suits and coats-----	1,310	375	527	1,365	122	408	643
30	Men's and boys' furnishings-----	3,901	639	1,066	3,135	273	694	1,138
31	Women's and misses' outerwear-----	10,298	1,046	1,666	9,781	361	1,157	1,918
32	Women's undergarments-----	1,843	285	510	1,645	111	322	596
33	Millinery, hats and caps-----	1,457	126	191	1,249	36	123	200
34	Children's outerwear-----	1,983	196	320	1,928	81	231	381
35	Fur goods-----	1,972	40	76	1,651	9	50	95
36	Misc. apparel-----	1,804	163	269	1,701	60	177	306
37	Fabricated textiles, n.e.c.-----	7,274	381	648	6,903	129	427	732
38	Lumber and wood products-----	41,484	1,934	3,242	37,878	582	1,991	3,183
39	Logging camps and contractors-----	12,865	211	393	12,805	72	228	390
40	Sawmills and planing mills-----	20,487	962	1,610	16,550	278	869	1,344
41	Millwork and related products-----	(4)	(4)	(4)	4,125	135	572	926
42	Wooden containers-----	1,513	138	215	1,278	40	122	184
43	Misc. wood products-----	(4)	(4)	(4)	3,031	57	199	340
44	Furniture and fixtures-----	10,273	1,197	1,998	10,179	348	1,391	2,354
45	Household furniture-----	6,470	819	1,336	6,520	252	944	1,583
46	Office furniture-----	241	85	157	301	23	110	212
47	Public building furniture-----	292	53	90	390	16	69	113
48	Partitions and fixtures-----	1,626	143	236	1,848	38	187	301
49	Furniture and fixtures, n.e.c.-----	(4)	(4)	(4)	1,120	19	81	144
50	Paper and allied products-----	5,004	2,205	4,630	5,271	555	2,780	5,707
51	Pulp mills-----	(4)	(4)	(4)	59	14	75	196
52	Paper mills, exc. building-----	(4)	975	2,305	354	131	741	1,542
53	Paperboard mills-----	(4)	(4)	(4)	252	57	322	840
54	Paper and board products-----	(4)	(4)	(4)	2,245	151	705	1,413
55	Paperboard containers and boxes-----	(4)	(4)	(4)	2,180	181	835	1,502
56	Building paper and board mills-----	(4)	(4)	(4)	181	21	103	215

For footnotes, see pp. 776 and 777.

Industry Groups

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FOR INDUSTRY GROUPS: 1954 TO 1962.

Standard Industrial Classification (1957) and therefore not comparable with figures shown in the 1960 and earlier Abstract; see text, p. 768]

1960			1962						
All employees		Value added by manufacture, adjusted ¹	All employees		Production workers			Value added by manufacture, adjusted ¹	Capital expenditures, new ²
Number ²	Payroll	Mil. dol. 16,763 88,087	Number ²	Payroll	Number ²	Mans-hours	Wages	Mil. dol. 164,003 94,291 12,130 24,273 59,129 179,290 10,424	Mil. dol. 179,290 10,424
1,000			1,000		1,000				
16,160	83,616	164,003	16,163	89,820	12,130	24,273	59,129	179,290	10,424
1,717	8,199	19,692	1,682	8,590	1,119	2,283	5,055	20,856	1,257
311	1,572	2,742	300	1,620	240	487	1,182	2,854	130
288	1,406	3,200	274	1,415	123	255	589	3,281	202
239	863	2,381	288	920	207	402	707	2,499	179
118	609	1,998	117	647	82	170	407	2,113	140
304	1,461	2,843	297	1,526	170	353	784	2,952	182
33	174	441	31	176	25	55	136	475	54
79	322	840	80	351	64	127	248	901	40
211	1,137	3,168	207	1,212	112	282	598	3,401	228
136	654	2,081	139	712	97	198	409	2,374	157
83	319	5,1546	77	335	67	134	266	5,1645	49
36	166	1,130	37	186	32	68	153	1,248	35
26	79	197	22	71	20	37	59	199	4
6	25	98	5	22	4	7	13	76	1
14	49	120	14	56	12	28	41	122	10
899	3,208	5,669	878	3,353	785	1,587	2,718	6,098	376
239	816	1,383	224	805	208	426	713	1,346	115
80	301	563	83	337	74	160	281	639	33
56	217	372	50	214	44	91	169	396	18
26	97	160	26	103	23	47	79	196	8
217	701	1,202	221	767	197	374	607	1,326	67
72	307	517	70	318	59	125	244	569	33
35	134	324	35	145	29	61	106	395	17
105	335	578	104	358	96	191	303	638	55
69	300	562	66	304	54	111	217	593	30
1,244	3,884	6,617	1,237	4,168	1,087	1,955	3,229	5,7,151	98
133	480	748	124	485	109	199	414	756	6
284	763	1,260	298	862	270	491	706	1,406	20
373	1,197	2,060	367	1,286	320	564	971	2,257	25
118	343	642	112	354	96	166	257	664	9
38	126	216	36	129	31	56	97	212	2
83	239	394	79	246	69	122	188	415	5
(6)	(6)	(6)	10	60	8	15	46	113	1
66	194	321	69	218	60	106	163	382	6
139	480	880	143	527	124	236	386	947	24
591	2,149	3,456	550	2,152	490	967	1,765	3,606	292
73	248	439	69	249	63	118	223	463	59
276	938	1,498	243	883	222	436	756	1,484	138
141	617	934	140	658	121	246	507	1,030	45
38	124	194	36	125	32	64	100	203	8
62	222	391	61	235	52	102	177	413	42
364	1,529	2,615	367	1,636	307	632	1,204	2,838	96
263	1,034	1,740	264	1,100	227	464	828	1,877	56
25	124	253	25	131	20	41	97	265	14
18	78	125	18	85	14	29	58	149	4
39	208	347	42	235	32	69	163	399	17
19	85	151	18	85	14	29	58	158	4
579	3,113	6,554	580	3,357	464	978	2,441	7,044	750
14	90	201	14	93	11	23	69	195	34
137	820	1,877	132	860	109	238	664	1,905	277
58	354	940	58	382	47	105	294	995	126
158	796	1,635	161	867	126	254	590	1,847	131
191	944	1,660	194	1,037	154	321	730	1,852	161
21	110	240	21	118	17	37	95	249	22

Manufactures

No. 1109. MANUFACTURES—GENERAL STATISTICS

INDUSTRY GROUP	1954			1955				
	Establishments	All employees, payroll	Value added by manufacture, adjusted ¹	Establishments	All employees			
					Number ²	Pay-roll		
		Mil. dol.	Mil. dol.			Mil. dol.		
1	Printing and publishing	32,530	3,619	6,403	35,456	866	4,489	7,939
2	Newspapers	8,645	1,257	2,138	8,279	296	1,500	2,529
3	Periodicals	2,045	318	806	2,323	66	381	933
4	Books	1,412	245	552	1,694	69	338	843
5	Misc. publishing	946	73	151	1,105	20	96	207
6	Commercial printing	(4)	(4)	(4)	17,310	288	1,519	2,348
7	Manifold business forms	(4)	(4)	(4)	704	24	121	245
8	Greeting cards	294	70	135	282	22	89	179
9	Bookbinding and related work	(4)	(4)	(4)	1,406	40	166	265
10	Printing trades services	2,205	236	327	2,328	42	279	390
11	Chemicals and allied products	11,074	3,377	9,547	11,309	699	3,949	12,273
12	Basic chemicals	1,474	1,201	3,223	1,698	238	1,460	4,260
13	Fibers, plastics, rubbers	273	508	1,427	407	122	683	1,900
14	Drugs	1,371	426	1,365	1,359	96	546	2,096
15	Cleaning and toilet goods	(4)	(4)	(4)	2,654	79	418	1,903
16	Paints and varnishes	(4)	(4)	(4)	1,709	59	323	807
17	Gum and wood chemicals	(4)	(4)	(4)	190	7	30	85
18	Agricultural chemicals	(4)	(4)	(4)	1,305	39	160	415
19	Other chemical products	(4)	(4)	(4)	1,987	60	327	804
20	Petroleum and coal products	1,262	953	2,241	1,608	179	1,117	2,518
21	Petroleum refining	409	816	1,918	446	146	944	2,119
22	Paving and roofing materials	523	88	208	772	23	119	269
23	Petroleum and coal products, n.e.c.	330	49	115	390	10	58	130
24	Rubber and plastics products, n.e.c.	3,845	1,410	2,553	4,462	348	1,723	3,277
25	Tires and inner tubes	49	442	878	123	89	522	1,180
26	Rubber footwear	22	64	107	27	20	86	150
27	Reclaimed rubber	20	13	23	16	2	12	21
28	Fabricated rubber products, n.e.c.	1,315	541	946	1,074	120	598	997
29	Plastics products, n.e.c.	2,439	350	598	3,222	116	511	929
30	Leather and leather products	4,845	1,027	1,641	4,549	349	1,146	1,898
31	Leather tanning and finishing	579	168	260	578	37	166	276
32	Industrial leather belting	136	19	35	104	4	19	36
33	Footwear, cut stock	563	57	87	513	18	58	98
34	Footwear, except rubber	1,369	619	988	1,279	227	700	1,146
35	Leather gloves	239	16	23	179	6	16	26
36	Luggage	497	52	91	428	16	55	97
37	Purses and small leather goods	1,139	105	164	1,020	36	115	187
38	Leather goods, n.e.c.	(4)	(4)	(4)	433	5	18	31
39	Stone, clay, and glass products	(4)	(4)	(4)	15,055	555	2,597	5,535
40	Flat glass	32	133	247	32	21	134	263
41	Pressed and blown glassware	372	355	679	240	92	431	845
42	Products of purchased glass	(4)	88	193	1,031	24	110	243
43	Cement, hydraulic	162	168	526	175	41	214	725
44	Structural clay products	1,053	267	428	1,018	70	293	490
45	Pottery and related products	867	174	258	755	44	181	284
46	Concrete and plaster products	(4)	(4)	(4)	9,171	150	698	1,554
47	Cut stone and stone products	977	78	121	1,001	20	83	129
48	Nonmetallic minerals, n.e.c.	(4)	(4)	(4)	1,609	91	459	1,002
49	Primary metal industries	6,171	5,330	9,899	6,446	1,096	6,303	11,671
50	Steel rolling and finishing	(4)	(4)	(4)	712	578	3,571	6,863
51	Iron and steel foundries	1,734	866	1,327	1,648	182	886	1,322
52	Primary nonferrous metals	103	240	568	112	47	266	700
53	Secondary nonferrous metals	354	69	145	387	14	76	147
54	Nonferrous rolling and drawing	(4)	(4)	(4)	711	160	885	1,726
55	Nonferrous foundries	1,920	328	472	1,965	62	319	471
56	Primary metal industries, n.e.c.	(4)	(4)	(4)	911	52	301	442

For footnotes, see pp. 776 and 777.

Industry Groups

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FOR INDUSTRY GROUPS: 1954 TO 1962—Continued

1960			1962							
All employees		Value added by manufacture, adjusted ¹	All employees		Production workers			Value added by manufacture, adjusted ¹	Capital expenditures, new ²	
Number ²	Payroll		Number ²	Payroll	Number ²	Man-hours	Wages			
1,000	Mil. dol.	Mil. dol.	1,000	Mil. dol.	1,000	Mil. lions	Mil. dol.	Mil. dol.	Mil. dol.	
909	5,064	9,306	925	5,413	566	1,084	3,100	9,996	436	1
307	1,674	2,925	311	1,701	163	297	930	3,052	124	2
67	441	1,168	69	481	12	22	65	1,325	29	3
76	408	1,130	84	477	41	86	215	1,271	45	4
21	113	237	21	122	9	16	44	251	7	5
303	1,708	2,648	305	1,825	239	468	1,330	2,853	178	6
25	132	289	27	147	19	39	99	330	22	7
23	102	197	24	112	15	30	59	192	6	8
44	191	308	46	210	40	74	151	345	14	9
43	236	405	37	279	27	58	208	377	11	10
723	4,414	14,347	727	4,757	470	952	2,646	16,062	1,347	11
241	1,614	5,079	235	1,702	156	319	1,025	5,673	651	12
130	789	2,256	136	888	98	198	558	2,627	336	13
104	624	2,354	106	684	58	114	291	2,636	95	14
83	468	2,239	85	514	52	105	256	2,525	88	15
39	359	902	88	375	32	66	168	956	29	16
7	32	100	6	30	5	11	20	101	11	17
43	187	528	42	198	29	60	119	533	75	18
56	340	897	58	367	39	80	207	1,010	66	19
171	1,145	3,308	154	1,097	110	221	724	3,439	479	20
135	936	2,773	123	907	88	173	603	2,966	433	21
25	144	374	22	131	16	34	89	325	39	22
11	66	161	10	60	6	14	32	148	7	23
378	1,998	3,773	398	2,250	314	637	1,584	4,316	354	24
92	590	1,272	86	619	68	138	463	1,278	123	25
22	96	162	27	126	24	47	104	214	7	26
2	15	29	2	13	2	3	10	27	1	27
128	670	1,162	129	726	97	197	489	1,331	79	28
134	628	1,148	164	766	123	252	518	1,467	144	29
358	1,227	2,044	346	1,255	308	569	1,000	2,102	36	30
35	164	279	32	157	27	53	123	264	7	31
(4)	(4)	(4)	4	20	2	5	12	50	3	32
20	69	113	17	61	15	29	49	112	1	33
228	743	1,221	228	785	206	375	641	1,284	19	34
7	19	28	6	19	5	10	15	25	(7)	35
18	61	108	16	62	14	26	45	110	2	36
39	127	209	38	132	33	63	101	220	3	37
5	19	34	5	20	4	9	14	37	1	38
587	2,978	6,394	574	3,105	464	941	2,283	6,605	549	39
23	168	345	22	163	19	39	136	315	34	40
98	495	1,013	98	526	86	172	437	1,088	78	41
28	132	314	28	138	23	45	104	301	18	42
39	228	749	36	221	30	69	171	760	97	43
75	331	549	71	334	61	120	255	578	37	44
45	202	318	42	200	35	67	152	310	9	45
157	782	1,770	167	840	119	254	567	1,840	193	46
23	95	143	22	97	18	38	78	152	5	47
98	546	1,192	98	585	73	147	388	1,261	78	48
1,180	7,251	13,350	1,133	7,517	921	1,805	5,675	13,744	1,163	49
622	4,071	7,704	570	4,062	459	3,077	7,512	779	50	
196	1,041	1,578	192	1,116	167	326	888	1,756	93	51
49	308	941	48	315	39	80	240	920	33	52
17	94	167	16	99	12	26	65	189	10	53
170	1,000	1,844	174	1,102	135	281	785	2,021	191	54
70	377	574	72	417	61	122	319	668	29	55
57	360	541	61	406	48	98	300	678	28	56

Manufactures

No. 1109. MANUFACTURES—GENERAL STATISTICS

INDUSTRY GROUP	1954			1958		
	Establishments	All employees, payroll	Value added by manufacture, adjusted ¹	Establishments	All employees	Value added by manufacture, adjusted ¹
					Number ²	
		Mil. dol.	Mil. dol.		Mil. dol.	Mil. dol.
Fabricated metal products						
1 Metal cans	22,042	4,605	8,021	24,782	1,000	5,416
2 Cutlery, hand tools, hardware	227	245	500	222	54	304
3 Plumbing and nonelectric heating	1,930	600	1,041	2,094	136	657
4 Structural metal products	(4)	(4)	(4)	689	72	357
5 Screw machine products and bolts	7,421	1,281	2,235	9,409	341	1,807
6 Metal stampings	2,252	398	665	2,817	85	441
7 Metal services, n.e.c.	2,320	595	958	2,456	126	646
8 Fabricated wire prod., n.e.c.	3,233	183	285	3,649	52	224
9 Fabricated metal prod., n.e.c.	1,275	244	413	1,463	55	261
10 Fabricated metal prod., n.e.c.	(4)	(4)	(4)	2,183	137	715
Machinery, exc. electrical						
11 Engines and turbines	(4)	(4)	(4)	28,867	1,348	7,305
12 Farm machinery and equipment	141	400	651	140	96	552
13 Construction and like equipment	(4)	(4)	(4)	1,469	109	551
14 Metalworking machinery	(4)	(4)	(4)	2,048	200	1,073
15 Special industry machinery	2,900	755	1,224	7,930	234	1,380
16 General industrial machinery	(4)	(4)	(4)	3,174	162	854
17 Office machines, n.e.c.	(4)	(4)	(4)	3,325	211	1,143
18 Service industry machines	(4)	(4)	(4)	346	122	667
20 Machine shops	6,832	442	737	10,171	116	575
Electrical machinery						
21 Electric distribution products	(4)	(4)	(4)	8,091	1,122	5,606
22 Electrical industrial apparatus	(4)	(4)	(4)	1,069	134	724
23 Household appliances	(4)	(4)	(4)	1,061	156	819
24 Lighting and wiring devices	(4)	(4)	(4)	651	143	732
25 Radio, TV, receiving equipment	(4)	(4)	(4)	1,819	123	564
26 Communication equipment	(4)	(4)	(4)	328	74	326
27 Electronic components	(4)	(4)	(4)	607	215	1,204
29 Electrical products, n.e.c.	893	365	644	1,687	198	884
Transportation equipment						
30 Motor vehicles and equipment	5,349	8,300	13,428	6,625	1,558	9,165
31 Aircraft and parts	2,195	3,412	6,137	2,283	577	8,318
32 Ships and boats	1,404	4,049	6,084	1,569	765	4,720
33 Railroad equipment	1,509	562	757	1,970	145	774
34 Motorcycles, bicycles, and parts	86	244	328	92	40	222
35 Transportation equipment, n.e.c.	46	28	40	51	8	33
36	388	60	79	642	23	98
Instruments and related products						
37 Scientific instruments	3,141	1,200	2,181	3,526	297	1,578
38 Mechanical measuring devices	(4)	(4)	(4)	567	67	399
39 Optical instruments and lenses	614	303	543	710	76	387
40 Medical instruments and supplies	204	38	55	224	7	38
41 Ophthalmic goods	(4)	(4)	(4)	1,070	42	195
42 Photographic equipment	238	65	107	246	18	71
43 Watches and clocks	449	308	596	480	60	369
44	209	119	201	229	26	119
Misc. manufacturing industries³						
45 Jewelry and silverware	14,588	2,357	3,909	14,306	572	2,848
46 Musical instruments and parts	2,101	183	302	2,086	42	186
47 Toys and sporting goods	242	61	94	274	17	82
48 Office supplies	2,461	266	463	2,607	99	362
49 Costume jewelry and notions	832	109	201	921	29	124
50 Misc. manufactures ⁴	2,364	200	318	2,205	56	194
51	6,572	1,494	2,422	6,180	328	1,901
Administrative and auxiliary⁵	(4)	2,940	-----	4,500	603	4,471

¹ Value of shipments less cost of materials, supplies, fuels, electric energy, and contract work, plus net change in finished goods and work-in-process inventory, and value added in merchandising activities of manufacturing establishments.

² "All employees" represent the average of "production workers" plus all other employees for the payroll period ended nearest the 15th of March.

³ Includes expenditures for plants in operation and plants under construction but not yet in operation.

⁴ Comparable data not available.

Industry Groups

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FOR INDUSTRY GROUPS: 1954 TO 1962—Continued

1960			1962					
All employees		Value added by manufacture, adjusted ¹	All employees		Production workers		Value added by manufacture, adjusted ¹	Capital expenditures, new ²
Number ³	Payroll	Mil. dol.	Number ³	Payroll	Number ³	Mil. dol.	Mil. dol.	Mil. dol.
1,000			1,000		1,000			
1,087	5,891	10,320	1,085	6,237	834	1,718	4,285	11,119
54	334	666	53	369	46	98	305	772
140	730	1,411	141	776	100	223	541	1,566
70	373	759	67	376	50	99	245	771
331	1,845	2,979	321	1,881	235	490	1,218	2,982
94	509	897	94	553	73	151	381	962
135	731	1,225	133	758	108	226	549	1,316
63	283	485	69	327	58	113	249	568
61	307	519	60	325	48	101	227	561
138	708	1,371	145	869	106	217	568	1,609
1,425	8,469	14,383	1,449	9,187	1,034	2,097	5,815	16,068
85	531	1,000	85	569	61	117	368	999
99	540	941	106	618	77	152	413	1,206
220	1,200	2,162	202	1,295	137	278	791	2,439
257	1,661	2,688	268	1,820	204	431	1,249	3,043
175	1,015	1,762	175	1,075	122	253	662	1,863
223	1,335	2,286	227	1,465	156	314	882	2,469
136	858	1,295	143	963	90	179	518	1,538
103	566	1,098	104	610	78	148	365	1,189
120	673	1,151	140	772	114	225	568	1,352
1,340	7,245	13,064	1,463	8,545	1,021	2,067	5,133	15,595
146	842	1,577	154	912	111	222	551	1,644
173	980	1,747	167	1,005	110	238	617	1,813
152	825	1,675	143	822	111	221	570	1,874
139	667	1,434	143	739	111	222	502	1,604
80	378	794	92	454	78	142	305	995
289	1,851	2,814	378	2,621	215	450	1,374	4,059
274	1,242	2,114	296	1,476	212	429	862	2,568
88	459	909	89	517	70	144	353	1,038
1,588	10,337	18,427	1,594	11,300	1,123	2,354	7,141	20,946
695	4,505	10,119	667	4,681	547	1,170	3,638	11,604
681	4,628	6,579	715	5,334	402	841	2,530	7,467
134	782	1,016	134	837	113	226	658	1,102
42	262	451	42	279	32	62	197	501
8	37	61	9	43	7	14	30	74
28	122	201	27	126	23	40	92	198
342	2,024	3,819	355	2,262	227	459	1,191	4,303
89	585	916	97	704	56	115	335	1,117
88	493	904	94	544	60	124	301	1,010
8	51	(6)	8	59	6	12	34	84
47	256	547	49	282	32	63	142	583
21	84	153	21	94	18	36	70	160
62	419	979	59	440	36	71	223	1,098
27	137	240	26	139	20	39	87	252
594	3,163	5,302	588	3,299	419	830	1,868	5,740
42	203	374	43	220	34	70	152	397
22	105	149	24	117	18	37	81	178
105	401	846	107	432	88	171	298	945
30	136	269	30	144	22	43	84	299
53	194	356	54	204	45	84	142	391
342	2,124	3,308	330	2,182	211	424	1,111	3,529
10 603	10 4,471	-----	10 603	10 4,471	-----	-----	-----	52

¹ Value of production. The formula for computing adjusted value added by manufacture was modified to exclude any change in finished products inventories between beginning and end of year.

² Withheld because estimate did not meet publication standards. ⁷ Less than \$500,000.

³ Includes privately owned and/or operated establishments classified in "Ordnance and accessories."

⁴ Manufacturing concerns often reported separately for central offices or auxiliaries which serve the manufacturing establishments of a company, rather than the general public. Separate reports were obtained from such units if at a different location or if they serviced more than one establishment. ¹⁰ 1958 data.

Source: Dept. of Commerce, Bureau of the Census; U.S. Census of Manufactures: 1958, Vol. III, 1962 Annual Survey of Manufactures, and unpublished data.

Manufactures

No. 1110. MANUFACTURES—GENERAL

STATE	1954 ¹			1958 ¹		
	Establishments	Payroll	Value added by manufacture, adjusted ²	Establishments	All employees ³	
					Num-ber ⁴	Payroll
United States	287,553	Mil. dol. 66,074	Mil. dol. 117,212	299,036	1,000 16,025	Mil. dol. 78,326
1 New England	24,625	5,455	9,129	24,588	1,399	6,294
2 Maine	3,015	325	565	2,732	98	377
3 New Hampshire	1,609	247	409	1,446	80	298
4 Vermont	1,071	124	223	1,016	32	132
5 Massachusetts	11,205	2,576	4,356	11,409	680	3,069
6 Rhode Island	2,635	432	697	2,736	114	452
7 Connecticut	5,090	1,750	2,877	5,248	394	1,965
8 Middle Atlantic	82,380	17,884	30,403	81,569	4,110	20,450
9 New York	50,402	8,468	14,141	48,523	1,914	9,617
10 New Jersey	13,183	3,507	6,332	14,009	795	4,068
11 Pennsylvania	18,795	5,910	9,930	19,037	1,401	6,766
12 East North Central	58,946	20,893	36,491	60,808	4,260	22,980
13 Ohio	14,550	5,818	10,154	14,931	1,201	6,517
14 Indiana	6,355	2,533	4,632	6,555	551	2,874
15 Illinois	17,628	5,421	9,664	18,100	1,188	6,216
16 Michigan	12,711	5,252	8,707	13,429	880	5,164
17 Wisconsin	7,702	1,869	3,334	7,793	439	2,208
18 West North Central	19,020	3,853	7,114	20,124	963	4,608
19 Minnesota	5,027	865	1,595	5,317	220	1,089
20 Iowa	3,320	648	1,236	3,567	166	812
21 Missouri	6,198	1,497	2,727	6,437	380	1,770
22 North Dakota	367	19	35	405	6	26
23 South Dakota	546	41	78	575	13	55
24 Nebraska	1,423	223	394	1,536	59	265
25 Kansas	2,139	560	1,049	2,287	119	591
26 South Atlantic	30,530	5,698	10,658	33,079	1,889	7,279
27 Delaware	556	287	353	547	58	349
28 Maryland	3,253	1,002	1,889	3,435	259	1,255
29 District of Columbia	484	92	157	507	21	114
30 Virginia	4,398	777	1,629	4,414	258	986
31 West Virginia	2,027	495	988	1,899	118	586
32 North Carolina	6,645	1,186	2,210	7,289	462	1,400
33 South Carolina	2,720	635	1,041	2,888	226	732
34 Georgia	5,658	854	1,592	5,796	314	1,077
35 Florida	4,792	380	798	6,304	172	690
36 East South Central	12,854	2,367	4,702	13,641	783	3,102
37 Kentucky	2,651	553	1,236	2,850	162	721
38 Tennessee	4,058	883	1,679	4,450	283	1,106
39 Alabama	3,803	690	1,319	3,927	230	920
40 Mississippi	2,252	239	468	2,414	109	355
41 West South Central	16,469	2,789	5,722	18,400	797	3,660
42 Arkansas	2,428	222	457	2,571	89	293
43 Louisiana	3,020	534	1,182	3,125	137	621
44 Oklahoma	2,131	364	581	2,366	98	458
45 Texas	8,890	1,669	3,502	10,338	478	2,288
46 Mountain	6,685	763	1,501	7,561	229	1,151
47 Montana	868	72	141	925	20	95
48 Idaho	981	94	170	1,059	28	128
49 Wyoming	328	27	51	329	7	34
50 Colorado	2,060	255	472	2,242	78	405
51 New Mexico	593	33	66	665	14	59
52 Arizona	817	111	192	1,150	41	216
53 Utah	852	121	276	986	38	186
54 Nevada	177	25	63	205	5	27
55 Pacific	36,047	6,321	11,365	39,266	1,594	8,801
56 Washington	4,929	854	1,549	5,065	215	1,173
57 Oregon	5,870	567	1,037	5,025	134	649
58 California	24,509	4,807	8,597	28,322	1,217	6,871
59 Alaska	219	20	40	245	5	26
60 Hawaii	520	77	140	609	24	82

¹ Sum of State totals may not add to U.S. total because figures were independently derived.² See footnote 1, table 1109.³ Includes employment and payroll at administrative offices and auxiliary units.⁴ "Production workers" represents the average of the employment for the payroll periods ended nearest the 15th of March, May, August, and November. "All employees" represents the average of "production workers" plus all other employees for the payroll period ended nearest the 15th of March.

Manufactures, by States

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STATISTICS, BY STATES: 1954 TO 1962

1960 1		1962 1									
All employees		Value added by manufacture, adjusted 2	All employees 3		Production workers			Value added by manufacture, adjusted 2	Capital expenditures, new 5	Aggregate horsepower 6 (prel.)	
Number	Pay-roll		Number 4	Pay-roll	Number 4	Man-hours	Wages				
1,000	Mil. dol.	Mil. dol.	1,000	Mil. dol.	1,000	Millions	Mil. dol.	Mil. dol.	Mil. dol.	1,000	
16,763	88,087	164,003	16,766	94,291	12,130	24,273	59,129	179,290	10,424	151,498	
1,469	7,151	12,329	1,473	7,715	1,089	2,177	4,895	13,458	660	8,138	
101	414	693	102	432	86	175	332	759	49	1,231	
84	342	598	81	359	66	130	255	610	31	480	
36	161	282	36	176	28	57	118	327	20	290	
718	3,485	6,037	717	3,735	519	1,023	2,289	6,522	287	3,309	
120	511	933	119	550	93	185	372	1,031	49	594	
409	2,237	3,785	418	2,463	298	607	1,528	4,210	221	2,234	
4,234	22,432	39,570	4,120	23,410	2,890	5,645	13,886	41,749	2,057	27,644	
1,065	10,466	18,013	1,006	10,891	1,282	2,496	5,997	19,125	758	8,837	
816	4,494	8,632	805	4,770	567	1,128	2,928	9,495	533	4,712	
1,453	7,471	12,925	1,410	7,740	1,041	2,021	4,961	13,130	767	14,098	
4,497	26,287	48,315	4,422	27,466	3,190	6,491	17,828	52,418	2,738	42,229	
1,268	7,474	13,830	1,225	7,639	881	1,770	5,005	14,580	776	13,962	
590	3,312	6,269	596	3,591	453	924	2,472	7,092	382	7,060	
1,209	6,837	12,624	1,195	7,191	837	1,698	4,440	13,676	769	8,637	
963	6,107	10,568	937	6,281	674	1,401	4,125	11,969	556	9,165	
467	2,557	4,733	470	2,715	344	699	1,786	5,100	255	3,405	
989	5,127	10,100	992	5,516	704	1,398	3,445	11,132	590	6,993	
229	1,242	2,375	238	1,384	162	319	812	2,644	139	1,626	
176	921	1,816	173	978	125	262	636	2,091	109	1,585	
393	1,966	3,872	383	2,066	273	536	1,278	4,184	206	2,058	
6	25	60	6	27	4	9	17	55	3	52	
13	64	122	14	68	11	20	47	138	16	114	
61	300	618	63	331	45	92	218	694	44	437	
111	602	1,238	114	662	84	171	438	1,357	73	1,127	
1,986	8,292	17,072	2,032	9,153	1,601	3,207	6,174	19,259	1,490	16,794	
59	372	510	58	378	29	58	145	542	58	575	
257	1,344	2,695	252	1,420	183	356	888	2,822	224	1,962	
23	134	239	23	141	11	21	59	245	15	54	
273	1,135	2,433	296	1,343	237	474	941	2,850	183	2,378	
117	630	1,371	112	651	87	168	464	1,626	168	2,445	
500	1,751	3,805	510	1,920	432	860	1,428	4,248	294	2,736	
241	858	1,719	253	974	215	443	744	1,977	165	2,463	
323	1,212	2,497	328	1,348	271	546	956	2,856	191	2,353	
193	855	1,797	200	979	136	280	548	2,092	192	1,828	
819	3,433	7,188	848	3,808	677	1,333	2,648	8,147	573	10,844	
173	817	1,047	176	900	134	283	506	2,207	140	2,210	
308	1,275	2,586	318	1,412	250	501	954	3,017	194	4,549	
229	983	1,958	235	1,067	192	372	777	2,075	129	3,120	
109	358	697	120	428	101	197	321	849	109	965	
816	3,948	8,952	835	4,265	606	1,240	2,682	9,729	857	17,195	
104	365	700	116	432	98	193	323	895	75	1,200	
133	653	1,574	130	677	98	203	461	1,647	147	3,802	
93	471	801	92	486	59	117	263	826	46	909	
486	2,459	5,817	497	2,667	351	727	1,634	6,361	589	11,284	
259	1,417	2,711	275	1,635	192	386	1,034	3,177	232	3,430	
20	100	206	19	102	15	30	76	229	23	509	
29	142	276	29	160	23	46	110	297	27	611	
7	35	73	7	38	5	9	23	77	4	169	
88	523	931	99	618	69	142	401	1,152	83	650	
14	66	123	14	72	9	19	43	136	9	154	
48	275	482	51	317	35	71	194	502	39	457	
45	244	547	50	303	31	62	168	685	40	614	
5	31	72	5	34	4	8	24	99	6	261	
1,695	10,110	18,060	1,761	11,385	1,180	2,360	6,557	20,451	1,228	18,230	
217	1,276	2,282	231	1,493	156	306	872	2,823	186	3,863	
143	741	1,349	143	788	117	225	590	1,470	109	2,589	
1,305	7,968	14,174	1,359	8,976	887	1,791	5,011	15,868	912	11,334	
6	35	72	5	34	4	8	27	92	6	103	
23	89	183	23	94	16	30	58	199	14	342	

⁵ Includes expenditures for plants in operation and plants under construction but not yet in operation.

⁶ For definition, see headnote, table 1116.

Manufactures

No. 1111. MANUFACTURES—GENERAL STATISTICS FOR ESTABLISHMENTS, BY
EMPLOYEE SIZE-CLASS: 1947, 1954, AND 1958

[Numbers in thousands; money figures in millions of dollars. Excludes Alaska and Hawaii]

ITEM AND YEAR	All estab- lish- ments	EMPLOYEE-SIZE CLASS									
		1 to 4	5 to 9	10 to 19	20 to 49	50 to 99	100 to 249	250 to 499	500 to 999	1,000 to 2,499	2,500 and over
Establishments:											
1947	241	70	47	41	40	19	14	6	3	1	1
1954	287	107	47	42	43	21	16	6	3	1	1
1958	298	106	61	47	46	22	16	6	3	1	(1)
Employees: ²											
Number:											
1947	14,294	161	311	562	1,244	1,301	2,229	1,930	1,869	2,146	2,542
1954	15,645	268	337	600	1,360	1,475	2,430	2,118	1,963	2,227	2,876
1958	15,394	218	340	644	1,443	1,513	2,497	2,150	1,893	2,046	2,649
Payroll:											
1947	39,696	325	699	1,366	3,242	3,440	5,937	5,244	5,219	6,237	7,986
1954	62,963	663	1,065	2,038	4,797	5,449	9,171	8,218	8,046	9,767	13,749
1958	73,750	738	1,297	2,615	6,058	6,416	10,938	9,709	9,176	10,852	15,950
Value added by manu- facture: ³											
1947	74,290	904	1,444	2,596	6,039	6,581	11,772	10,432	10,110	11,598	12,812
1954	116,848	1,554	2,008	3,645	8,351	9,662	17,143	15,885	15,451	18,927	24,272
1958	141,270	1,832	2,544	4,838	11,089	12,024	21,162	19,291	18,103	21,449	28,988
Capital expenditures, new: ⁴											
1954	7,817	135	137	214	467	557	1,111	967	1,085	1,548	1,597
1958	9,076	293	217	345	643	607	1,165	1,122	1,198	1,417	2,069
PERCENT DISTRIBUTION											
Establishments:											
1947	100.0	29.2	19.4	16.9	16.6	7.8	5.9	2.3	1.1	0.6	0.2
1954	100.0	37.3	16.5	14.6	14.9	7.4	5.5	2.1	1.0	0.5	0.2
1958	100.0	35.4	17.0	15.7	15.5	7.3	5.4	2.1	0.9	0.5	0.2
Employees: ²											
Number:											
1947	100.0	1.1	2.2	3.0	8.7	9.1	15.6	13.5	13.1	15.0	17.8
1954	100.0	1.7	2.2	3.8	8.7	9.4	15.5	13.5	12.5	14.2	18.4
1958	100.0	1.4	2.2	4.2	9.4	9.8	16.2	14.0	12.3	13.3	17.2
Payroll:											
1947	100.0	0.8	1.8	3.4	8.2	8.7	15.0	13.2	13.1	15.7	20.1
1954	100.0	1.1	1.7	3.2	7.6	8.7	14.6	13.1	12.8	15.5	21.8
1958	100.0	1.0	1.8	3.5	8.2	8.7	14.8	13.2	12.4	14.7	21.6
Value added by manu- facture: ³											
1947	100.0	1.2	1.9	3.5	8.1	8.9	15.8	14.0	13.6	15.6	17.2
1954	100.0	1.3	1.7	3.1	7.1	8.3	14.7	13.6	13.2	16.2	20.8
1958	100.0	1.3	1.8	3.4	7.8	8.5	15.0	13.7	12.8	15.2	20.5
Capital expenditures, new: ⁴											
1954	100.0	1.7	1.8	2.7	6.0	7.1	14.2	12.4	13.9	19.8	20.4
1958	100.0	3.2	2.4	3.8	7.1	6.7	12.8	12.4	13.2	15.6	22.8

¹ Less than 500.² Excludes administrative offices and auxiliary units.³ For 1958, represents adjusted value added and, for 1947 and 1954, unadjusted value added. Unadjusted value added is obtained by subtracting cost of materials, supplies, containers, fuel, purchased electric energy, and contract work from value of shipments for products manufactured plus receipts for services rendered. Adjusted value added also takes into account (a) value added by merchandising operations (that is, difference between the sales value and cost of merchandise sold without further manufacture, processing, or assembly), plus (b) net change in finished goods and work-in-process inventories between beginning and end of year.⁴ Excludes expenditures for plants under construction and not yet in operation. Data by employment size-class not available for 1947.Source: Dept. of Commerce, Bureau of the Census; *Concentration Ratios in Manufacturing Industry, 1958*.

Manufactures, Metropolitan Areas

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No. 1112. MANUFACTURES—SUMMARY FOR SMSA'S WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1962

[Employees in thousands; money figures in millions of dollars. For definition of standard metropolitan statistical area, see table 10, p. 14; certain of these differ to some extent from those in table 10.]

STANDARD METROPOLITAN STATISTICAL AREA	1958				1962			
	Establishments	All employees ¹		Value added by manufacture, adjusted ²	Number	All employees ¹		Value added by manufacture, adjusted ²
		Number	Pay-roll			Number	Pay-roll	
Akron (Ohio) area	698	83	476	761	79	538	877	65
Albany-Schenectady-Troy (N.Y.) area	744	72	391	641	64	390	649	30
Allentown-Bethlehem-Easton (Pa.) area	1,005	94	430	684	97	518	821	41
Atlanta (Ga.) area	1,317	84	380	712	89	482	975	59
Baltimore (Md.) area	2,112	108	1,011	1,964	186	1,128	2,248	163
Binghamton (N.Y.) area	302	40	194	243	39	216	280	16
Birmingham (Ala.) area	660	63	336	587	59	344	593	36
Boston (Mass.) area	5,665	303	1,463	2,438	322	1,791	3,144	137
Bridgeport (Conn.) area	784	65	332	571	70	416	706	22
Buffalo (N.Y.) area	1,820	173	979	1,716	163	1,067	1,929	122
Canton (Ohio) area	469	51	270	500	51	325	593	33
Chattanooga (Tenn.) area	428	41	166	337	38	180	415	19
Chicago (Ill.) area	13,508	856	4,591	8,296	852	5,237	9,660	454
Cincinnati (Ohio) area	1,776	151	809	1,485	147	902	1,868	71
Cleveland (Ohio) area	3,998	265	1,513	2,511	271	1,772	3,188	190
Columbus (Ohio) area	835	72	376	623	75	465	782	27
Dallas (Tex.) area	1,756	95	461	845	107	577	1,165	49
Dayton (Ohio) area	930	97	547	905	100	663	1,234	68
Denver (Colo.) area	1,286	54	286	563	75	483	891	56
Detroit (Mich.) area	6,468	468	2,972	4,312	470	3,381	5,983	241
Flint (Mich.) area	278	58	343	579	68	506	1,052	53
Fort Worth (Tex.) area	784	57	294	523	52	297	588	18
Gary-Hammond-East Chicago (Ind.) area	444	100	614	1,282	102	708	1,476	111
Grand Rapids (Mich.) area	841	44	234	410	52	313	601	32
Greensboro-High Point (N.C.) area	577	42	144	315	45	177	421	14
Hartford (Conn.) area	905	87	454	717	86	547	887	49
Houston (Tex.) area	1,750	93	515	1,154	92	572	1,367	169
Indianapolis (Ind.) area	1,101	96	533	955	100	637	1,111	44
Jersey City (N.J.) area	2,400	124	619	1,225	116	676	1,431	53
Kansas City (Mo.) area	1,625	102	521	1,067	108	640	1,562	78
Lancaster (Pa.) area	632	44	191	368	46	238	482	18
Lawrence-Haverhill (Mass.) area	n.a.	36	149	267	44	222	356	18
Los Angeles-Long Beach (Calif.) area	16,910	729	4,149	7,045	818	5,455	9,363	409
Louisville (Ky.) area	872	87	435	1,161	90	531	1,416	71
Memphis (Tenn.) area	708	41	176	394	44	218	537	24
Miami (Fla.) area	n.a.	37	143	252	42	176	332	26
Milwaukee (Wis.) area	2,298	183	1,021	1,723	193	1,239	2,107	87
Minneapolis-St. Paul (Minn.) area	2,433	143	761	1,397	162	980	1,810	86
Nashville (Tenn.) area	n.a.	36	155	283	41	203	430	18
Newark (N.J.) area	4,425	246	1,290	2,293	247	1,504	2,943	161
New Haven (Conn.) area	722	42	205	381	41	238	388	29
New Orleans (La.) area	901	46	204	467	44	214	472	24
New York (N.Y.) area	30,396	1,183	5,866	9,389	1,183	6,588	11,393	331
Paterson-Clifton-Passaic (N.J.) area	3,332	159	798	1,465	161	927	1,820	66
Philadelphia (Pa.) area	8,124	538	2,744	4,826	552	3,245	5,675	316
Pittsburgh (Pa.) area	2,479	304	1,784	2,622	279	1,852	2,686	204
Portland (Oreg.) area	1,758	58	206	598	64	374	730	48
Providence (R.I.) area	2,913	127	508	850	131	607	1,138	46
Reading (Pa.) area	697	48	193	342	53	246	425	24
Richmond (Va.) area	492	42	192	451	46	234	544	38
Rochester (N.Y.) area	1,015	104	589	1,073	108	733	1,466	71
Rockford (Ill.) area	487	39	206	353	40	245	438	16
St. Louis (Mo.) area	3,150	267	1,337	2,385	250	1,521	2,910	178
San Diego (Calif.) area	755	71	448	606	72	502	626	20
San Francisco-Oakland (Calif.) area	4,433	191	1,085	2,071	197	1,297	2,536	196
San Jose (Calif.) area	773	54	340	632	85	627	1,064	53
Seattle (Wash.) area	1,903	115	660	1,065	132	908	1,542	64
Springfield-Holyoke (Mass.) area	962	71	342	592	67	368	661	28
Syracuse (N.Y.) area	760	70	367	680	71	438	796	28
Toledo (Ohio) area	742	58	338	570	58	378	689	28
Utica-Rome (N.Y.) area	473	41	195	345	40	215	419	16
Washington (D.C.) area	n.a.	35	180	312	40	235	400	27
Wichita (Kans.) area	446	53	280	452	44	282	376	14
Wilkes-Barre-Hazleton (Pa.) area	696	39	123	208	44	153	276	8
Wilmington (Del.) area	369	57	372	455	54	398	569	63
Worcester (Mass.) area	792	51	241	376	51	274	472	17
York (Pa.) area	608	41	168	324	40	188	374	24
Youngstown (Ohio) area	563	76	427	729	70	456	778	38

n.a. Not available. ¹ Includes central administrative offices or auxiliary units which serve the manufacturing establishments of a company, rather than the general public. Separate reports were obtained from such units if they were at a different location or served more than 1 establishment.

² See footnote 1, table 1109. ³ See footnote 3, table 1109. ⁴ Standard error in excess of 15 percent.

Manufactures

No. 1113. PERCENT OF TOTAL EMPLOYMENT IN LARGE MANUFACTURING COMPANIES, SELECTED INDUSTRIES: 1950, 1954, AND 1958

[Excludes Alaska and Hawaii. First 45 industries as determined by 1958 employment. "N.e.c." means not elsewhere classified. See headnote, table 1114.]

In- du- stry code	INDUSTRY AND YEAR	Num- ber of com- panies	PERCENT OF EMPLOYMENT ACCOUNTED FOR BY—			Primary product speciali- zation ratio ²	Cover- age ratio ³	
			Employ- ment (1,000)	4 largest com- panies	8 largest com- panies			
				20 largest com- panies	n.a.			
3717	Motor vehicles and parts	1950	n.a.	721	59	69	n.a.	n.a.
		1954	991	649	69	75	.84	.44
		1958	989	531	70	74	.85	.44
3312	Blast furnaces and steel mills	1954	n.a.	554	54	60	n.a.	n.a.
		1958	148	513	52	68	.84	n.a.
		1950	n.a.	186	53	73	n.a.	n.a.
3721	Aircraft	1954	(6)	458	(6)	(6)	(6)	(6)
		1958	6,113	377	58	82	.99	.94
		1950	n.a.	202	21	32	n.a.	n.a.
3661	Radios and related products	1950	n.a.	294	20	29	48	n.a.
		1954	1,612	305	20	29	.41	.44
		1958	1,797	267	16	20	n.a.	n.a.
2711	Newspapers	1950	n.a.	8,445	282	14	19	.95
		1954	7,947	291	15	20	27	1.00
		1958	n.a.	n.a.	n.a.	n.a.	.96	1.00
2421	Sawmills and planing mills	1950	n.a.	459	4	n.a.	n.a.	n.a.
		1954	16,594	321	5	7	12	.97
		1958	15,731	268	6	9	14	.96
2051	Bread and related products	1950	n.a.	246	16	24	n.a.	n.a.
		1954	5,470	246	18	28	37	.98
		1958	5,305	237	19	29	37	.99
2233	Cotton broad-woven fabrics	1950	n.a.	346	14	22	n.a.	n.a.
		1954	413	296	18	28	47	.94
		1958	321	242	23	37	57	.82
3141	Footwear, except rubber	1950	n.a.	230	22	28	n.a.	n.a.
		1954	970	219	26	32	40	.99
		1958	871	215	24	31	39	.99
2027	Fluid milk	1950	n.a.	191	19	24	n.a.	n.a.
		1954	5,008	208	20	26	32	.90
		1958	n.a.	n.a.	n.a.	n.a.	n.a.	.95
2011	Meat packing plants	1950	n.a.	209	47	59	n.a.	n.a.
		1954	2,228	220	44	56	.65	.98
		1958	2,646	201	36	49	.60	.88
2751	Commercial printing	1950	n.a.	196	9	13	n.a.	n.a.
		1954	11,970	200	10	14	21	.85
		1958	13,028	198	10	15	22	.86
2612	Paper and paperboard mills	1950	n.a.	375	21	33	52	.99
		1954	1,054	181	21	31	50	.86
		1958	1,097	162	26	39	54	.68
3722	Aircraft engines	1950	n.a.	67	54	79	n.a.	n.a.
		1954	202	167	51	75	88	.93
		1958	186	159	48	69	89	.94
2911	Petroleum refining	1954	253	153	39	61	.84	.99
		1958	285	146	36	59	.81	.98
		1950	n.a.	178	12	19	n.a.	n.a.
2671	Paperboard boxes	1954	1,433	133	13	20	33	.96
		1958	1,447	141	14	23	37	.98
		1950	n.a.	143	2	3	6	.96
2333	Dresses, unit price	1954	4,072	143	2	3	6	.96
		1958	3,606	136	2	3	6	.95
		1950	n.a.	91	20	23	n.a.	n.a.
3441	Structural and ornamental work	1954	2,829	116	16	20	27	.89
		1958	3,311	133	15	18	26	.88
		1950	n.a.	140	6	10	n.a.	n.a.
2511	Wood furniture, not upholstered	1954	2,731	125	7	12	20	.94
		1958	2,742	125	8	13	22	.94
		1950	n.a.	131	20	29	n.a.	n.a.
2933	Canned fruits and vegetables	1954	1,461	120	40	29	39	.90
		1958	1,347	123	21	29	41	.90
		1950	n.a.	52	12	17	n.a.	.95
3599	Machine shops	1954	6,795	104	8	12	20	.88
		1958	10,482	123	5	10	17	n.a.
		1950	n.a.	128	30	40	n.a.	n.a.
3099	Rubber industries, n.e.c.	1954	1,152	133	(3)	(3)	(3)	.88
		1958	1,032	122	23	33	46	.86
		1950	n.a.	151	13	19	n.a.	n.a.
2311	Men's and boys' suits and coats	1954	1,255	119	11	18	31	.91
		1958	1,275	122	11	18	31	.91
		1950	n.a.	n.a.	n.a.	n.a.	n.a.	.97

See footnotes at end of table.

Large Manufacturing Companies

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No. 1113. PERCENT OF TOTAL EMPLOYMENT IN LARGE MANUFACTURING COMPANIES, SELECTED INDUSTRIES: 1950, 1954, AND 1958—Continued

In- du- stry code	INDUSTRY AND YEAR	Num- ber of com- panies	Employ- ment ¹ (1,000)	PERCENT OF EMPLOYMENT ACCOUNTED FOR BY—			Primary product speciali- zation ratio ²	Cover- age ratio ³
				4 largest com- panies	8 largest com- panies	20 largest com- panies		
3731	Shipbuilding and repairing.....	1950.....	n.a.	75	53	63	n.a.	n.a.
		1954.....	328	109	42	57	.92	.99
		1958.....	293	120	45	64	.93	.99
3463	Metal stampings.....	1954.....	2,215	128	12	18	.82	.83
		1958.....	2,326	119	11	17	.85	.85
3971	Plastics products, n.e.c.....	1954.....	2,377	92	7	13	.90	.84
		1958.....	3,094	113	5	10	.92	.85
3321	Gray-iron foundries ⁴	1950.....	n.a.	160	18	24	n.a.	n.a.
		1954.....	1,321	134	19	25	.94	.87
		1958.....	1,199	112	16	23	.95	.87
3585	Refrigeration machinery.....	1950.....	n.a.	128	41	59	n.a.	n.a.
		1954.....	561	128	33	47	.65	(4)
		1958.....	607	112	31	47	.64	(4)
2321	Men's dress shirts and nightwear.....	1950.....	n.a.	87	18	25	n.a.	n.a.
		1954.....	888	108	14	22	.90	.85
		1958.....	737	104	14	22	.86	.80
2761	Lithographing.....	1954.....	2,879	78	7	11	.82	.79
		1958.....	4,184	98	7	10	.81	.80
2081	Bottled soft drinks.....	1954.....	4,334	92	9	13	.98	.99
		1958.....	3,989	96	9	13	.98	.98
3614	Motors and generators.....	1950.....	n.a.	98	59	65	n.a.	n.a.
		1954.....	266	112	47	56	.82	.84
		1958.....	317	94	41	51	.81	.81
3602	Electronic tubes.....	1950.....	n.a.	47	64	83	n.a.	n.a.
		1954.....	112	71	63	81	.93	.94
		1958.....	224	98	51	68	.96	.96
2329	Men's and boys' clothing, n.e.c.....	1950.....	n.a.	98	10	16	n.a.	n.a.
		1954.....	1,000	91	10	15	.79	.78
		1958.....	880	91	12	17	.84	n.a.
3429	Hardware, n.e.c.....	1950.....	n.a.	84	37	46	n.a.	n.a.
		1954.....	852	88	36	43	.86	.90
		1958.....	1,032	89	30	37	.88	.93
3011	Tires and inner tubes.....	1950.....	n.a.	90	78	90	n.a.	n.a.
		1954.....	27	93	80	91	.88	.99
		1958.....	38	87	74	87	.86	.99+
2099	Food preparations, n.e.c.....	1954.....	2,857	71	14	20	.91	.86
		1958.....	2,596	86	14	21	.94	.94
3664	Telephone and telegraph equipment.....	1950.....	n.a.	50	90	96	n.a.	n.a.
		1954.....	56	65	88	95	.98	(4)
		1958.....	44	85	92	97	.99+	(4)
2819	Inorganic chemicals, n.e.c. ¹⁰	1950.....	n.a.	68	38	51	n.a.	n.a.
		1954.....	294	97	46	60	.80	.78
		1958.....	319	85	42	55	.79	.79
2337	Women's suits, coats, and skirts ¹⁰	1954.....	3,178	96	4	6	.94	.93
		1958.....	2,651	84	3	5	.93	.93
3531	Construction and mining machinery.....	1950.....	n.a.	70	16	26	n.a.	n.a.
		1954.....	589	76	19	29	.86	.81
		1958.....	705	83	19	29	.86	.80
2234	Synthetic broad-woven fabrics.....	1950.....	n.a.	97	26	34	n.a.	n.a.
		1954.....	396	90	28	37	.84	.90
		1958.....	328	83	30	40	.80	.88
3571	Computing and related machines.....	1950.....	n.a.	43	70	86	n.a.	n.a.
		1954.....	78	57	72	84	.78	.93
		1958.....	122	82	75	83	.94	.91
2834	Pharmaceutical preparations.....	1954.....	1,128	77	25	40	.60	.91
		1958.....	1,064	82	24	39	.62	.94

n.a. Not available.

¹ For 1950 and 1954, data represent average of all employees for payroll period ending nearest 15th of March, May, August, and November except that, for 1954, the average of all 12 months was used for several industries. For 1958, data represent average number of production workers for payroll period ending nearest 15th of March, May, August, and November plus all other employees for period ending March 15.

² See footnote 2, table 1114. ³ See footnote 3, table 1114. ⁴ See footnote 5, table 1114. ⁵ See footnote 8, table 1114. ⁶ See footnote 9, table 1114. ⁷ Figures for earlier years not available on comparable basis. See footnote 11, table 1114. ⁸ See footnote 16, table 1114. ⁹ Includes, in addition to commercial (jobbing) foundries, "captive" foundries at separate locations producing gray-iron castings for other plants of the same company. Accordingly, the percentages do not reflect the market shares in the commercial foundry industry as such.

¹⁰ See footnote 13, table 1114.

Source: Dept. of Commerce, Bureau of the Census; *Concentration Ratios in Manufacturing Industry, 1958*.

Manufactures

No. 1114. PERCENT OF TOTAL SHIPMENTS MADE BY LARGE MANUFACTURING COMPANIES, SELECTED INDUSTRIES: 1947, 1954, AND 1958

[Excludes Alaska and Hawaii. First 50 industries as determined by value of shipments in 1958. Industry codes and descriptions are based on standard industrial classification (SIC) system used through 1947 and differ from those appearing in the 1958 Census of Manufactures Reports, Series MC-C-20 through MC-C-39. For a description of the industries, see the appropriate 1954 Census of Manufactures Industry Report or the 1958 Census of Manufactures Preliminary Reports, Series MC(P)-20 through MC(P)-39. Determination of company affiliation of establishments is based on Census reports and publicly available records. Value of shipments totals for establishments have been summarized into company totals in each manufacturing industry. "Largest" companies are determined by each company's value of shipments in the specified industry. "N.e.c." means not elsewhere classified.]

Industry code	INDUSTRY AND YEAR	Number of companies	Value of shipments ¹ (mil. dol.)	PERCENT OF VALUE OF SHIPMENTS ACCOUNTED FOR BY—			Primary product specialization ratio ²	Coverage ratio ³
				4 largest companies	8 largest companies	20 largest companies		
3717	Motor vehicles and parts	1947 779	43,555	56	64	73	(6)	(3)
	1954 991	46,111	75	80	87	(6)	(6)	
	1958 980	46,419	75	81	89	(6)	(6)	
3312	Blast furnaces and steel mills ^a	1947 n.a.	4,846	50	66	81	n.a.	n.a.
	1954 n.a.	45,014	55	71	86	n.a.	n.a.	
	1958 148	45,980	53	70	84	n.a.	n.a.	
2911	Petroleum refining	1947 277	6,024	37	59	83	.99	.97
	1954 253	11,757	33	56	84	.99	.98	
	1958 285	14,106	32	55	82	.98	.98	
2011	Meat packing plants	1947 1,999	4,977	41	54	63	.96	.99
	1954 2,228	41,394	39	51	60	.98	.97	
	1958 2,646	41,677	34	46	57	.98	.88	
3721	Aircraft	1947 (8)	4,606	(8)	(8)	(8)	(9)	(9)
	1954 (8)	43,349	(8)	(8)	(8)	(8)	(8)	(8)
	1958 9113	43,376	59	83	99	.84	.94	
2421	Sawmills and planing mills	1947 10,226	2,519	5	7	11	n.a.	n.a.
	1954 16,594	3,247	7	11	18	.97	.81	
	1958 15,731	6,158	8	12	18	.96	n.a.	
2027	Fluid milk ^b	1947 n.a.	4,587	22	28	n.a.	(10)	(10)
	1954 5,008	5,802	23	20	37	.90	.95	
2612	Paper and paperboard mills	1954 391	11,3,793	19	31	48	.99	.99+
	1958 375	11,4,948	21	34	52	.99	.99+	
3661	Radios and related products	1947 799	4,773	26	35	54	(5)	(5)
	1954 1,612	42,130	24	35	53	(5)	(5)	
	1958 1,797	42,553	27	38	52	(5)	(5)	
2051	Bread and related products	1947 5,985	2,404	16	26	36	.98	.99
	1954 5,470	3,067	20	31	40	.98	.99	
	1958 5,305	3,699	22	33	42	.98	.99	
2099	Food preparations	1947 (18)	1,592	(12)	(12)	(12)	(12)	(12)
	1954 2,357	3,250	33	42	55	.94	.86	
	1958 2,596	3,642	29	36	49	.94	.94	
2711	Newspapers	1947 8,115	1,801	21	26	36	.94	1.00
	1954 8,445	3,091	18	24	34	.95	1.00	
	1958 7,947	3,616	17	24	35	.96	1.00	
3722	Aircraft engines	1947 54	465	72	88	98	.90	.95
	1954 202	3,189	62	81	93	.93	.91	
	1958 186	3,359	56	77	92	.94	.93	
2829	Organic chemicals, n.e.c.	1947 (12)	973	(12)	(12)	(12)	(12)	(12)
	1954 202	2,199	59	73	87	.77	.80	
	1958 250	3,070	55	70	85	.73	.80	
2042	Prepared animal feeds	1947 2,372	2,112	19	27	40	.95	.89
	1954 2,037	2,702	21	29	43	.95	.90	
	1958 2,016	2,942	22	30	43	.97	.91	
2033	Canned fruits and vegetables ^c	1947 1,856	1,641	27	35	46	.91	.94
	1954 1,461	2,229	28	39	52	.90	.94	
	1958 1,347	2,911	29	39	55	.90	.95	
2233	Cotton broad-woven fabrics	1947 (12)	2,913	(12)	(12)	(12)	(12)	(12)
	1954 413	2,790	18	29	49	.94	.84	
	1958 321	2,719	25	40	59	.94	.82	
2671	Paperboard boxes	1947 1,323	1,475	18	27	41	.97	.98
	1954 1,433	2,180	16	26	41	.96	.98	
	1958 1,447	2,689	17	27	45	.95	.98	
2751	Commercial printing	1947 11,810	1,513	9	13	20	.86	.86
	1954 11,970	2,202	10	16	24	.85	.86	
	1958 13,023	2,646	10	16	25	.86	.84	
3441	Structural and ornamental work	1947 1,600	855	23	27	37	.86	.88
	1954 2,829	1,810	18	23	31	.89	.88	
	1958 3,311	2,590	16	21	28	.88	.89	

See footnotes at end of table.

Large Manufacturing Companies

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No. 1114. PERCENT OF TOTAL SHIPMENTS MADE BY LARGE MANUFACTURING COMPANIES IN SELECTED INDUSTRIES: 1947, 1954, AND 1958—Continued

Industry code	INDUSTRY AND YEAR	Number of companies	Value of shipments ¹ (mill. dol.)	PERCENT OF VALUE OF SHIPMENTS ACCOUNTED FOR BY—			Primary product specialization ratio ²	Coverage ratio ³
				4 largest companies	8 largest companies	20 largest companies		
2834	Pharmaceutical preparations	1,123	941	28	44	64	.91	.98
	1954	1,128	1,643	25	44	68	.91	.94
	1958	1,064	2,533	27	45	73	.88	.94
2819	Inorganic chemicals, n.e.c. ¹⁴	1947	562	(16)	(16)	(16)	(16)	(16)
	1954	274	1,859	36	51	74	.87	.78
	1958	319	2,469	34	51	76	.88	.79
3729	Aircraft equipment, n.e.c.	1947	201	105	37	58	.82	.33
	1954	1,054	2,343	20	32	52	.86	.66
	1958	1,007	2,288	27	39	55	.90	.68
3011	Tires and inner tubes	1947	35	1,547	77	90	.90	.95
	1954	27	1,842	79	91	99+	.88	.99
	1958	38	2,272	74	88	99	.86	.99+
2111	Cigarettes ¹³	1947	19	1,132	90	99+	100	1.00
	1954	12	1,641	82	99+	100	.99	1.00
	1958	12	2,159	79	99+	100	.99	1.00
3141	Footwear, except rubber	1947	1,077	1,727	28	35	.45	1.00
	1954	970	1,791	30	36	45	.99	.99
	1958	871	2,026	27	34	43	.99	.99
2082	Beer and ale	1947	404	1,316	21	30	.44	1.00
	1954	263	1,857	27	41	60	1.00	1.00
	1958	211	1,980	28	44	68	1.00	1.00
2041	Flour and meal	1947	1,084	2,527	29	41	.57	.92
	1954	692	1,850	40	52	68	.94	.84
	1958	703	1,970	38	51	68	.93	.85
3403	Metal stampings	1947	1,954	1,177	17	25	.37	.86
	1954	2,215	1,728	14	21	33	.82	.83
	1958	2,326	1,944	12	19	32	.85	.85
2690	Paper and board products, n.e.c.	1947	676	787	15	25	.43	.86
	1954	770	1,428	25	39	58	.90	.89
	1958	834	1,922	34	45	60	.88	.88
3009	Rubber industries, n.e.c.	1947	733	945	30	38	.53	.85
	1954	1,152	1,677	(16)	(16)	(16)	.88	.78
	1958	1,032	1,837	23	34	47	.86	.81
2823	Plastics materials	1947	94	478	44	63	.89	.92
	1954	149	1,231	47	69	88	.90	.75
	1958	273	1,811	40	56	79	.86	.71
3411	Tin cans and other tinware	1947	102	679	78	86	.94	.99
	1954	17,109	1,367	80	88	96	.98	.99
	1958	84	1,804	80	89	97	.95	.96
3971	Plastics products, n.e.c.	1947	450	(16)	(16)	(16)	(16)	(16)
	1954	2,377	1,193	8	13	25	.90	.84
	1958	3,094	1,778	8	13	22	.92	.85
2851	Paints and varnishes	1947	1,154	1,249	27	36	.48	.94
	1954	1,337	1,494	27	37	50	.95	.97
	1958	1,428	1,736	25	36	48	.93	.97
2721	Periodicals	1947	2,106	1,060	34	43	.58	.94
	1954	2,012	1,441	29	40	54	.95	.97
	1958	2,245	1,651	31	41	55	.93	.97
2333	Dresses, unit price ¹³	1947	4,165	1,359	3	5	.9	.95
	1954	4,072	1,455	4	7	12	.96	.95
	1958	3,606	1,627	4	7	12	n.a.	n.a.
2015	Poultry dressing plants	1947	330	479	32	40	.58	.88
	1954	1,189	1,258	17	23	33	.96	.97
	1958	1,041	1,618	12	16	25	.95	.97
3531	Construction and mining machinery	1947	489	927	18	31	.50	.85
	1954	589	1,132	19	29	50	.86	.81
	1958	705	1,585	18	28	48	.86	.80
3521	Tractors	1947	86	891	67	88	.97	.83
	1954	141	1,178	74	90	97	.85	.93
	1958	109	1,576	69	90	98	.83	.92
3273	Ready-mixed concrete ¹⁹	1958	3,104	1,559	4	7	13	.94
3509	Machine shops	1947	(16)	440	(16)	(16)	(16)	(16)
	1954	6,795	1,108	8	13	22	.88	.86
	1958	10,482	1,544	7	12	20	n.a.	n.a.
3522	Farm machinery (except tractors)	1947	955	889	36	47	.58	.89
	1954	1,145	1,006	38	51	64	.89	.90
	1958	1,288	1,468	38	47	59	.91	.92
2761	Lithographing	1947	1,380	489	13	18	.29	.77
	1954	2,870	963	8	12	20	.82	.79
	1958	4,184	1,451	9	12	18	.81	.80
3302	Wiredrawing	1947	103	913	45	62	.82	.96
	1954	150	1,266	36	54	74	.95	.39
	1958	157	1,488	34	50	69	n.a.	n.a.

See footnotes at end of table.

No. 1114. PERCENT OF TOTAL SHIPMENTS MADE BY LARGE MANUFACTURING COMPANIES IN SELECTED INDUSTRIES: 1947, 1954, AND 1958—Continued

In- du- stry code	INDUSTRY AND YEAR	Num- ber of com- panies	Value of shipments ¹ (mil. dol.)	PERCENT OF VALUE OF SHIPMENTS AC- COUNTED FOR BY—			Primary prod uct specia liza tion ratio ²	Cover- age ratio ³	
				4 largest com- panies	8 largest com- panies	20 largest com- panies			
2081	Bottled soft drinks—	1947	5,169	748	10	14	20	.99	.99
		1954	4,334	1,113	10	14	21	.98	.99
		1958	3,089	1,435	11	15	22	.98	.98
3443	Boiler shop products—	1947	783	687	18	29	44	.80	.30
		1954	934	1,134	30	40	55	.82	.81
		1958	1,126	1,434	37	46	60	.88	.85
2825	Synthetic fibers—	1947	22	705	78	94	(20)	.97	.98
		1954	20	1,241	80	97	100	.96	.99
		1958	17	1,419	78	96	100	.94	.99
3321	Gray-iron foundries ⁴ —	1947	1,554	1,173	16	24	35	.92	.87
		1954	1,321	1,419	26	34	46	.94	.87
		1958	1,199	1,406	24	33	47	.95	.87
3614	Motors and generators—	1947	224	996	59	66	80	.81	.92
		1954	266	1,389	50	59	75	.82	.84
		1958	317	1,360	47	56	72	.81	.84

n.a. Not available.

¹ Comprises for all manufacturing establishments classified in an industry (a) value of products "primary" to the industry, (b) value of "secondary" products, which are primary to other industries, and (c) "miscellaneous receipts" such as those for contract and commission work on materials owned by others, scrap and salable refuse, repair, etc. Excludes sales of products bought and resold in same condition. 1954 figures for some industries reflect minor revisions of previously published data.

² Measures extent to which establishments classified in an industry "specialize" in making products regarded as primary to the industry. That is, value of shipments of primary products of establishments in the industry is expressed as a ratio of total shipments of all products made by these establishments (excluding "miscellaneous receipts," such as those for contract and commission work on materials owned by others, scrap and salable refuse, repair, etc.). 1954 ratios for some industries reflect minor revisions of previously published data.

³ Measures extent to which all shipments of primary products of an industry are made by establishments classified in the industry, as distinguished from secondary producers elsewhere. That is, value of shipments of primary products made by establishments classified in the industry is expressed as a ratio of total shipments of primary products made by all producers, both in and out of the specified industry. 1954 ratios for some industries reflect minor revisions of previously published data.

⁴ Value added by manufacture used as basis for computing percentages because value of shipments data (used for ranking) contain substantial and unmeasurable amount of duplication.

⁵ Not shown because total value of primary products shipped includes large amount of duplication.

⁶ Based on combined figures for Industry 3311, Blast Furnaces; Industry 3312, Steelworks and Rolling Mills; Industry 2931, Beehive Coke Ovens; and Industry 2932, Byproduct Coke Ovens.

⁷ Based on combined figures for Industry 2011, Meat Packing Plants, and Industry 2013, Prepared Meats.

⁸ Comparable data not available. In 1954 any establishment manufacturing at least 1 complete aircraft was classified in Industry 3721, Aircraft. In 1958 an establishment manufacturing complete aircraft was classified in Industry 3721 if its value of work done on aircraft exceeded its value of shipments of any other single industry's products.

⁹ Approximately 50 small companies were misclassified into Industry 3721, Aircraft, because of incomplete reporting of product information. However, this misclassification had only an insignificant effect on value added, on employment, and on percentages accounted for by the 4, 8, and 20 largest companies.

¹⁰ In 1954, this industry was composed of 2 industries, 2026, Fluid Milk (only), and 2027, Fluid Milk and Other Products. 1954 figures on value of shipments and on percentages accounted for by the 4 and 8 largest companies have been recalculated on a basis comparable to 1958. In 1947, establishments primarily distributing fluid milk were classified as nonmanufacturing.

¹¹ In the 1958 Census, integrated pulp and paper companies were given the option of reporting their pulp and paper (or board) operations on a combined basis when both were conducted at a single physical location. Most integrated companies exercised this option, but a few with departmental accounting chose to report separately for the pulp mill and paper (or board) mill, as they were required to do in 1954. The only other pulp mills separately reported in the 1958 Census were (1) those exclusively selling their pulp on the market (i.e., not associated or affiliated with a paper and board mill), and (2) those pulp mills affiliated or associated with paper or board mills but operated at a different physical location. The change had little effect on comparability of value of shipments for the industry. Comparable data for 1947 not available. In 1947, Industry 2612, Paper and Paperboard Mills, was combined with Industry 2613, Building Paper and Board Mills.

¹² Comparable data not available.

¹³ Value of production shown rather than value of shipments. Includes value of primary and secondary products made and miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap, and other salable refuse. ¹⁴ Includes Government-owned privately operated plants.

¹⁵ Separate figures not available. In 1947, Industry 2811, Sulfuric Acid, was combined with Industry 2319, Inorganic Chemicals, not elsewhere classified.

¹⁶ Comparable data not available. Establishments primarily engaged in producing factory rebuilt and retreaded tires were included in this industry in 1954 but included in the service trades in 1947 and 1958.

¹⁷ A number of small establishments were misclassified into Industry 3411. This misclassification, however, has no appreciable effect on the total value of shipments or on the percentages accounted for by the largest companies. ¹⁸ Comparable data not available because of significant changes in the 1947 classification of plants or products. ¹⁹ Excluded from 1954 Census.

²⁰ Withheld to avoid disclosing figures for individual plants or products.

²¹ Includes, in addition to commercial (jobbing) foundries, "captive" foundries at separate locations producing gray-iron castings for other plants of the same company. Accordingly, the ratios for this industry do not reflect the market shares in the commercial foundry industry as such.

Source: Dept. of Commerce, Bureau of the Census; *Concentration Ratios in Manufacturing Industry, 1958*.

No. 1115. ACQUISITIONS OF MANUFACTURING FACILITIES, BY COMPANIES ENGAGED IN MANUFACTURING: 1959 AND 1960

[Includes Alaska and Hawaii. Acquisition (or disposal) defined as a transfer of control of a manufacturing establishment (or group of establishments) through purchase, sale, lease, or otherwise to another company already engaged in manufacturing. Includes active plants only and both complete and partial transfers. For details, see source. "N.e.c." means not elsewhere classified]

INDUSTRY GROUP OF ACQUIRING COMPANY	1959				1960				
	All companies, average manufacturing employment, 1958 ¹	Companies making acquisitions		Manufacturing facilities acquired		Companies making acquisitions	Manufacturing facilities acquired		
		Number	Average employment, 1958	Number	Average employment, 1958		Number	Average employment, 1959	
Total.....	15,387,728	654	2,745,108	899	213,868	570	2,823,305	780	203,593
Food and kindred products ²	1,822,715	108	314,972	154	23,823	82	253,774	112	21,473
Textile mill products.....	904,323	27	143,275	36	13,844	36	176,651	56	27,295
Apparel and related products.....	1,163,659	18	23,640	21	7,729	12	22,281	19	4,272
Lumber and wood products.....	559,652	31	51,166	51	8,919	24	54,178	34	8,171
Furniture and fixtures.....	331,911	17	15,637	18	2,912	9	12,193	10	1,651
Paper and allied products.....	506,466	37	107,406	60	18,494	27	99,744	55	10,179
Printing and publishing.....	863,361	16	41,286	24	4,904	18	41,378	20	4,072
Chemicals and allied products.....	731,988	39	149,504	53	9,490	33	124,278	41	5,283
Petroleum and coal products.....	196,184	12	36,318	18	4,520	6	16,319	8	1,022
Rubber and plastics products, n.e.c.	346,300	15	17,366	20	1,931	14	60,889	15	1,718
Leather and leather products.....	344,669	9	16,082	9	2,706	5	14,879	6	5,325
Stone, clay, and glass products.....	589,464	28	91,747	45	8,032	27	56,982	40	9,957
Primary metal industries.....	1,106,648	36	441,306	53	19,709	34	293,443	48	9,205
Fabricated metal products.....	994,720	49	111,648	57	11,446	55	108,025	67	12,711
Machinery, except electrical.....	1,296,814	58	182,995	70	18,312	52	213,005	63	13,280
Electrical machinery.....	1,155,419	64	185,088	82	29,242	63	327,168	84	21,972
Transportation equipment.....	1,803,351	50	758,881	76	20,702	42	883,255	54	23,371
Instruments and related products.....	307,155	20	38,948	27	3,582	21	52,819	30	9,080
Misc. manufacturing, incl. ordnance.....	407,429	20	17,843	25	3,571	10	12,544	18	3,947

¹ Industry classification based on manufacturing activities only.

² Includes tobacco products industry.

Source: Dept. of Commerce, Bureau of the Census; *1961 Annual Survey of Manufactures*.

NO. 1116. MANUFACTURES—HORSEPOWER OF POWER EQUIPMENT: 1899 TO 1962

[In thousands, except aggregate per 100 workers. Beginning 1954, includes Alaska and Hawaii. Aggregate represents unduplicated rating of total installed equipment; comprises horsepower of prime movers plus horsepower of electric motors driven by purchased electric power. Prime movers are mechanical engines and turbines which originally convert fuels or force (as wind or falling water) into work and power]

YEAR	Aggre-gate	PRIME MOVERS			ELECTRIC MOTORS			Aggre-gate per 100 pro-duction workers
		Total	Driving gener-ators	Not driving gener-ators	Total	Driven by pur-chased energy	Driven by energy gen-erated at estab-lishment	
1899.....	9,811	9,633	n.a.	n.a.	475	178	297	218
1904.....	13,033	12,605	n.a.	n.a.	1,517	428	1,089	252
1909.....	18,062	16,393	n.a.	n.a.	4,582	1,669	2,913	288
1914.....	21,565	17,858	n.a.	n.a.	8,392	3,707	4,684	326
1919.....	28,307	19,432	n.a.	n.a.	15,612	8,965	6,647	333
1925.....	34,359	19,243	n.a.	n.a.	25,092	15,116	9,976	437
1927.....	37,126	18,902	n.a.	n.a.	29,153	18,224	10,929	473
1929.....	41,122	19,328	n.a.	n.a.	33,344	21,794	12,060	491
1939 ¹	49,893	21,077	13,849	7,228	44,827	28,816	16,011	652
1954 ²	108,100	35,763	21,036	14,727	91,505	72,337	19,168	958
1962.....	151,498	45,770	24,097	21,673	126,783	105,728	21,054	1,249

n.a. Not available.

¹ Includes revisions due primarily to differences in scope of the 1939 and 1954 Censuses.

² Includes revised figures for Industry 3851, Ophthalmic goods.

Source: Dept. of Commerce, Bureau of the Census; *1963 Census of Manufactures*, Series MC 63(P)—1.

No. 1117. MANUFACTURERS' INVENTORIES AND AGGREGATE HORSEPOWER, BY MAJOR INDUSTRY GROUP: 1962

[As of end of year. Includes Alaska and Hawaii. Data based on new Standard Industrial Classification (1957) and therefore not comparable with figures shown in the 1960 and earlier editions of the *Statistical Abstract*; see text, p. 768. "N.c.c." means not elsewhere classified]

MAJOR INDUSTRY GROUP	INVENTORIES (\$1,000,000)				AGGREGATE HORSEPOWER 1	
	Total	Finished products	Work in process	Materials, supplies, fuels, etc.	Total (1,000)	Per 100 production workers
	57,378	19,655	17,107	20,616	151,498	1,249
All industries	57,378	19,655	17,107	20,616	151,498	1,249
Food and kindred products	6,415	3,679	413	2,324	11,884	1,062
Tobacco products	2,495	105	28	2,362	295	438
Textile mill products	2,526	991	673	862	5,043	643
Apparel and related products	1,960	875	383	702	250	23
Lumber and wood products	1,270	570	261	439	7,710	1,572
Furniture and fixtures	740	214	179	346	1,265	412
Paper and allied products	1,653	650	192	911	12,447	2,688
Printing and publishing	1,338	416	313	609	1,746	309
Chemicals and allied products	3,618	1,804	510	1,303	20,553	4,873
Petroleum and coal products	1,822	1,077	367	377	9,916	9,008
Rubber and plastics products, n.e.c.	1,132	602	170	360	3,549	1,131
Leather and leather products	579	221	141	217	587	191
Stone, clay, and glass products	1,473	779	188	508	8,716	1,879
Primary metal industries	6,027	1,729	1,822	2,476	33,304	3,614
Fabricated metal products	3,680	1,108	1,200	1,373	6,974	836
Machinery, except electrical	6,372	1,981	2,763	1,628	8,643	836
Electrical machinery	4,794	1,318	2,177	1,298	4,813	471
Transportation equipment	6,576	803	4,037	1,737	10,699	953
Instruments and related products	1,313	325	669	319	860	378
Miscellaneous manufactures ²	1,586	505	617	464	2,215	529

¹ See headnote, table 1116.

² Includes privately owned and/or operated establishments classified in "Ordnance and accessories."

Source: Dept. of Commerce, Bureau of the Census; 1962 Annual Survey of Manufactures, and 1963 Census of Manufactures, Series MC63 (P)-1.

No. 1118. MANUFACTURERS' SHIPMENTS, INVENTORIES, AND ORDERS: 1954 TO 1963

[In billions of dollars, except ratios. Includes Alaska and Hawaii. Data include all corporate and noncorporate companies, major activities of which are in manufacturing. See *Historical Statistics, Colonial Times to 1957*, series T 378-386, for related but not comparable data]

ITEM	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
Shipments, all manufacturing	280.2	317.2	333.2	344.5	327.2	362.7	370.1	369.8	399.3	417.0
Durable goods industries	141.9	168.6	176.7	182.7	162.8	186.6	190.1	185.9	206.0	216.6
Nondurable goods industries	138.3	148.7	156.5	161.9	164.4	176.0	180.1	183.9	193.4	200.4
Inventories, all manufacturing ¹	41.8	45.2	50.7	51.9	50.0	52.5	53.5	54.8	57.4	59.7
Durable goods industries	23.8	26.4	30.4	31.6	29.9	31.5	32.0	32.2	33.9	35.6
Nondurable goods industries	18.0	18.8	20.3	20.3	20.1	21.0	21.6	22.5	23.5	24.2
Ratio of inventories to sales: ²										
All manufacturing	1.81	1.63	1.74	1.81	1.84	1.70	1.75	1.75	1.70	1.69
Durable goods	2.05	1.76	1.95	2.08	2.23	2.00	2.07	2.06	1.97	1.95
Nondurable goods	1.56	1.47	1.50	1.51	1.45	1.39	1.42	1.44	1.42	1.41
Inventories by stages of fabrication: ¹										
All manufacturing	41.8	45.2	50.7	51.9	50.0	52.5	53.5	54.8	57.4	59.7
Materials and supplies	16.5	18.2	19.9	19.8	19.0	20.0	19.7	20.1	20.7	20.9
Work in process	12.1	13.2	14.9	15.6	15.0	15.7	15.5	16.0	17.1	17.9
Finished goods	13.3	13.8	15.9	16.5	16.1	16.8	18.3	18.7	19.7	20.9
Durable goods industries	23.8	26.4	30.4	31.6	29.9	31.5	32.0	32.2	33.9	35.6
Materials and supplies	8.1	9.4	10.7	10.8	10.1	10.7	10.4	10.3	10.6	10.9
Work in process	9.7	10.7	12.3	12.8	12.2	12.9	12.6	13.0	13.9	14.6
Finished goods	6.0	6.3	7.5	8.0	7.6	8.0	9.0	8.9	9.4	10.1
Nondurable goods industries	18.0	18.8	20.3	20.3	20.1	21.0	21.6	22.5	23.5	24.2
Materials and supplies	8.4	8.8	9.2	9.0	8.9	9.3	9.3	9.8	10.0	10.0
Work in process	2.3	2.5	2.7	2.8	2.7	2.8	2.8	3.0	3.2	3.3
Finished goods	7.3	7.5	8.4	8.5	8.5	8.8	9.4	9.8	10.3	10.8
New orders, all manufacturing	268.0	329.6	340.4	330.7	322.8	368.1	361.4	372.7	398.0	420.4
Durable goods industries	129.2	179.9	184.4	169.3	158.1	191.4	182.7	188.0	205.0	219.6
Nondurable goods industries	138.8	149.6	156.0	161.4	164.8	176.7	178.7	184.8	193.0	200.8
Unfilled orders, all manufacturing ¹	48.2	60.0	67.5	53.3	48.8	54.1	45.8	47.9	46.2	49.1
Durable goods industries	45.2	56.4	64.1	50.5	45.7	50.4	43.2	44.8	43.7	46.2
Nondurable goods industries	3.0	3.7	3.4	2.8	3.1	3.7	2.6	3.1	2.6	3.0

¹ Calendar year, unadjusted for seasonal variation.

² Ratios based on average inventories to average monthly sales.

Source: Dept. of Commerce, Bureau of the Census; *Manufacturers' Shipments, Inventories, and Orders: 1947-1963 Revised*, Series M3-1.

Capital—New Plant and Equipment

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No. 1119. CAPITAL IN MANUFACTURING INDUSTRIES: 1930 TO 1963

[In billions of dollars. Beginning 1960, includes Alaska and Hawaii. Data refer to privately owned manufacturing industries and are based on the fixed capital formation components of the gross national product. For detailed discussion, see source. See also *Historical Statistics, Colonial Times to 1957*, series P 24-26, and for data on 1947=100 base, series P 20-23 and P 27-29.]

ITEM	1930	1935	1940	1945	1950	1955	1960	1961	1962	1963
Purchases of structures and equipment:										
In current dollars.....	1.8	1.0	2.2	3.6	6.3	8.6	10.5	10.3	11.0	11.8
Structures.....	.8	.3	.7	1.0	1.6	3.0	2.8	2.8	2.8	2.9
Equipment.....	1.0	.8	1.5	2.5	4.6	5.6	7.7	7.5	8.2	8.9
In 1954 dollars.....	4.5	2.4	4.7	6.2	7.3	8.5	8.5	8.8	8.8	9.5
Structures.....	2.4	.8	1.9	1.9	1.9	3.0	2.3	2.3	2.3	2.3
Equipment.....	2.1	1.6	2.8	4.3	5.4	5.5	6.2	6.0	6.6	7.2
Depreciation on structures and equipment:										
In current dollars.....	1.6	1.4	1.7	2.4	4.8	6.7	9.6	9.8	10.0	10.2
Structures.....	.6	.6	.7	1.0	1.7	2.1	2.6	2.6	2.6	2.7
Equipment.....	1.0	.9	1.0	1.4	3.0	4.6	7.0	7.2	7.4	7.6
In 1954 dollars.....	3.8	3.6	3.7	4.1	5.5	6.6	7.8	7.9	8.1	8.2
Structures.....	1.7	1.7	1.7	1.7	1.9	2.0	2.1	2.1	2.1	2.1
Equipment.....	2.1	1.8	2.0	2.4	3.5	4.6	5.6	5.8	5.9	6.1
Net formation of capital: ¹										
In current dollars.....	.2	-.4	.5	1.2	1.5	1.9	.9	.5	.9	1.6
Structures.....	.2	-.3	.1	.1	-.1	1.0	.2	.2	.2	.2
Equipment.....	.0	-.1	.4	1.1	1.6	.9	.7	.3	.8	1.4
In 1954 dollars.....	.7	-1.1	1.0	2.1	1.8	1.9	.7	.4	.8	1.3
Structures.....	.7	-0.9	.2	.1	-.1	1.0	.2	.2	.1	.2
Equipment.....	.0	-.2	.8	1.9	1.9	.9	.5	.2	.6	1.1
Real net value of structures, equipment, and inventories in 1954 dollars.....	82.7	70.1	77.4	85.0	107.9	129.4	144.5	146.0	149.2	152.1
Structures and equipment ²	59.4	51.7	52.4	55.7	72.5	84.1	93.6	93.9	94.7	96.0
Structures.....	40.6	36.4	35.3	33.6	38.8	41.9	45.1	45.2	45.4	45.5
Equipment.....	18.9	15.3	17.1	22.1	33.7	42.2	49.5	48.7	49.4	50.4
Inventories.....	23.3	18.5	25.0	29.3	35.4	45.3	51.0	52.0	54.5	56.1

¹ Represents the difference between the purchase and depreciation series.

² Represents real net value of structures and equipment in preceding year plus net formation of capital for year shown.

Source: Dept. of Commerce, Office of Business Economics; *U.S. Income and Output*, a supplement to the *Survey of Current Business*, and *Survey of Current Business*, July issues.

No. 1120. MANUFACTURES—EXPENDITURES FOR NEW PLANT AND EQUIPMENT, BY MAJOR INDUSTRY GROUPS: 1954, 1958, AND 1962

[In millions of dollars. Beginning 1958, includes Alaska and Hawaii. Covers establishments in operation and under construction. "N.e.c." means not elsewhere classified. See headnote, table 1117]

MAJOR INDUSTRY GROUP	1954 ¹	1958	1962		
			Total expenditures	New structures and additions	New machinery and equipment
All industries.....	8,201	9,593	10,424	2,728	7,696
Food and kindred products.....	799	1,020	1,257	366	891
Tobacco products.....	28	48	49	9	41
Textile mill products.....	224	212	376	71	306
Apparel and related products.....	77	91	98	28	70
Lumber and wood products.....	235	280	292	77	214
Furniture and fixtures.....	62	83	96	45	51
Paper and allied products.....	2,533	651	750	137	613
Printing and publishing.....	237	422	436	115	321
Chemicals and allied products.....	1,021	1,267	1,347	248	1,100
Petroleum and coal products.....	705	688	479	298	182
Rubber and plastics products, n.e.c.	174	197	353	55	299
Leather and leather products.....	29	32	36	8	28
Stone, clay, and glass products.....	(8)	489	549	131	418
Primary metal industries.....	989	1,546	1,163	271	892
Fabricated metal products.....	459	466	530	140	390
Machinery, except electrical.....	(8)	695	716	180	536
Electrical machinery.....	(8)	493	636	160	476
Transportation equipment.....	1,003	631	854	261	593
Instruments and related products.....	99	124	191	62	130
Miscellaneous ⁴	(8)	188	214	68	146

¹ Not strictly comparable with figures for 1958 due to differences in coverage.

² Expenditures for establishments under construction excluded from industry group in order to avoid disclosing figures for individual companies. They are, however, included in the total.

³ Comparable data not available.

⁴ Includes privately owned and/or operated establishments classified in "Ordnance and accessories."

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Manufactures: 1958*, Vol. I, and *1962 Annual Survey of Manufactures*.

Manufactures

No. 1121. MANUFACTURES—EXPENDITURES FOR NEW PLANT AND EQUIPMENT,
BY STATES: 1954 TO 1962

[In millions of dollars, except percent. Covers establishments in operation and under construction, except as noted]

STATE	1954	1958	1960	1961	1962	
					Expenditures	Standard error ¹ (percent)
United States	2 8,201	9,593	10,070	9,764	10,424	1
New England	3 424	533	618	594	660	4
Maine	50	47	55	54	49	3
New Hampshire	18	24	26	29	31	4
Vermont	9	12	14	19	20	12
Massachusetts	3 181	225	289	277	287	8
Rhode Island	28	30	36	44	49	11
Connecticut	3 130	195	198	171	224	4
Middle Atlantic	1,606	2,010	2,056	1,892	2,057	2
New York	581	739	742	682	758	4
New Jersey	392	454	473	468	533	2
Pennsylvania	638	816	842	742	767	2
East North Central	2,727	2,750	2,989	2,698	2,733	1
Ohio	771	822	806	752	776	2
Indiana	3 301	528	549	451	382	1
Illinois	575	730	719	702	769	3
Michigan	898	465	656	563	556	2
Wisconsin	3 169	204	250	229	255	2
West North Central	400	561	517	545	590	3
Minnesota	87	109	117	140	139	7
Iowa	78	103	138	125	109	5
Missouri	3 124	186	160	171	206	2
North Dakota	16	9	2	4	3	19
South Dakota	3	5	7	10	16	41
Nebraska	36	50	34	39	44	16
Kansas	3 53	99	59	57	73	5
South Atlantic	832	1,065	1,214	1,322	1,490	1
Delaware	3 23	28	32	58	58	2
Maryland	3 94	128	179	196	224	4
District of Columbia	7	15	22	16	15	33
Virginia	3 110	147	143	179	183	2
West Virginia	3 99	172	126	114	168	3
North Carolina	3 130	191	240	227	294	2
South Carolina	62	76	144	159	165	3
Georgia	173	156	173	148	191	3
Florida	105	152	153	225	192	8
East South Central	430	530	571	521	573	1
Kentucky	153	115	111	122	140	2
Tennessee	156	182	217	193	194	2
Alabama	3 82	165	202	167	129	2
Mississippi	3 37	68	41	39	109	4
West South Central	766	901	786	928	857	1
Arkansas	3 43	48	67	71	75	10
Louisiana	3 174	173	139	166	147	1
Oklahoma	52	62	66	45	46	5
Texas	479	618	515	647	588	1
Mountain	3 125	186	224	232	232	3
Montana	3 21	22	18	18	23	6
Idaho	3 10	19	37	26	27	11
Wyoming	7	7	11	10	4	18
Colorado	3 30	51	60	59	83	7
New Mexico	7	25	24	11	9	12
Arizona	14	28	35	67	39	5
Utah	3 23	30	34	36	40	1
Nevada	5	5	4	6	6	19
Pacific	2 842	1,058	1,095	1,033	1,228	2
Washington	3 147	160	142	141	186	3
Oregon	3 68	123	120	114	109	4
California	591	753	770	741	912	2
Alaska		3	3	5	6	15
Hawaii		17	61	32	14	6

¹ See Technical Note, p. 769, for explanation of standard error.

² Excludes Alaska and Hawaii.

³ Expenditures for establishments under construction are excluded to avoid disclosing figures for individual companies.

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Manufactures: 1958*, Vol. I, and *Annual Survey of Manufactures*.

No. 1122. MANUFACTURING INDUSTRIES—WATER USE, BY MAJOR INDUSTRY GROUP: 1959

[Water in billions of gallons. Includes Alaska and Hawaii. For establishments reporting intake of 20 million or more gallons of water, which account for more than 90 percent of the water used in manufacturing]

MAJOR INDUSTRY GROUP	NUMBER OF ESTABLISHMENTS	WATER INTAKE						WATER DISCHARGE		
		All purposes		Fresh, from—		Brackish (salt) ^a	Total	Treated prior to discharge		
		Treated water prior to recircula- tion or reuse	Total	Public water system	Company ground water system					
All industries	7,720	5,518	1,872	12,175	1,921	9,733	1,303	7,266	1,164	2,442
Food and kindred products	1,720	1,230	384	624	69	555	154	187	215	69
Tobacco manufactures	23	23	12	3	1	3	3	(3)	(3)	571
Textile mill products	511	296	57	135	68	135	40	83	12	2
Apparel and related products	19	13	6	10	2	9	9	(3)	1	120
Lumber and wood products	178	131	39	140	7	116	9	95	12	9
Furniture and fixtures	31	24	2	3	(2)	1,768	1	(3)	24	128
Pulp, paper, and products	669	586	201	1,937	835	220	1,210	338	170	1,204
Printing and publishing	79	52	14	13	2	11	9	(3)	13	74
Chemicals and products	833	635	204	3,240	317	2,083	132	1,763	2	(3)
Petroleum and coal products	246	216	145	1,319	141	719	131	492	96	600
Rubber products	243	189	48	127	13	122	27	73	23	1,167
Leather and leather goods	64	32	11	12	1	12	5	(3)	4	600
Stone, clay, and glass products	471	295	80	295	33	266	27	207	3	1,204
Primary metal industries	709	651	167	3,702	369	3,408	230	3,016	113	295
Fabricated metal products	439	200	61	44	3	42	34	2	7	41
Machinery, except electrical	318	224	85	171	13	147	38	95	15	119
Electrical machinery	351	247	94	93	6	82	46	23	23	88
Transportation equipment	477	344	144	260	27	203	118	69	25	56
Instruments and related products	72	53	22	23	8	23	11	11	5	22
Miscellaneous manufactures	108	77	27	26	5	14	6	(3)	(3)	23

¹ Includes simple as well as complex treatment.

² Containing more than 1,000 parts per million of dissolved solids.

³ Less than 500 million gallons.

Source: Dept. of Commerce, Bureau of the Census; U.S. Census of Manufactures: 1958, Vol. I.

No. 1123. DENATURED ALCOHOL: 1930 TO 1963

[For years ending June 30. Includes Hawaii and Puerto Rico]

YEAR	Alcohol produced	Denaturing facilities operated	SPECIALY DENATURED ALCOHOL		Ethyl alcohol used for denaturation ¹	DENATURED ALCOHOL PRODUCED ²		
			Dealers operating	Users operating		Total	Completely denatured	Specially denatured
	1,000 proof gallons				1,000 proof gallons	1,000 wine gallons	1,000 wine gallons	1,000 wine gallons
1930	193, 924	68	81	4, 306	185, 001	106, 777	59, 064	47, 713
1940	242, 728	40	52	4, 233	225, 161	126, 762	15, 352	111, 410
1950	313, 535	46	35	4, 176	322, 837	174, 674	4, 414	170, 260
1955	411, 840	46	35	3, 939	395, 334	213, 229	575	212, 654
1957	425, 418	47	36	3, 930	436, 469	235, 291	539	234, 752
1958	404, 376	45	39	3, 859	454, 629	245, 180	578	244, 601
1959	494, 132	43	42	3, 846	478, 412	257, 534	739	256, 795
1960	518, 724	38	43	3, 509	520, 512	279, 726	679	279, 047
1961	3, 603, 674	41	41	3, 745	537, 709	289, 229	820	288, 410
1962	3, 604, 255	41	44	3, 632	511, 890	276, 472	882	275, 590
1963	3, 618, 165	43	44	3, 536	516, 543	279, 095	1, 114	277, 981

¹ Through 1940, represents *withdrawals* of all products for denaturation, that is, domestic ethyl alcohol, spirits produced by registered distilleries (redesignated upon receipt at denaturing plants as alcohol), and rum. Beginning 1950, represents all products (except rum) *used* for denaturation, that is, domestic ethyl alcohol, imported ethyl alcohol, and spirits. Rum is included for 1940 because denatured rum is included with specially denatured alcohol, for that year.

² Prior to 1950, includes denatured rum.

³ Alcohol and spirits, 190 proof and over, produced at distilled spirits plants.

No. 1124. ALCOHOLIC BEVERAGES—PRODUCTION, TAX-PAID WITHDRAWALS, AND STOCKS: 1940 TO 1963

[For years ending June 30. Includes Alaska and Hawaii. Excludes imports. See *Historical Statistics, Colonial Times to 1957*, series P 192, for production of fermented malt liquor]

CLASS	UNIT	1940	1950	1955	1960	1962	1963
Bever:							
Breweries operated	Number	611	407	202	229	220	211
Production	1,000 bbl. ¹	54, 892	88, 807	89, 791	94, 548	96, 418	97, 061
Tax-paid withdrawals	1,000 bbl. ¹	53, 014	83, 512	84, 457	88, 929	90, 698	91, 494
Stocks on hand, June 30	1,000 bbl. ¹	9, 010	10, 082	11, 627	11, 458	11, 389	11, 771
Distilled spirits:							
Production facilities operated ²	Number	258	229	201	178	170	164
Warehouses operated ³	Number	360	309	278	241	256	265
Production, total ⁴	1,000 tax gal. ⁵	143, 455	208, 235	182, 142	285, 027	205, 263	182, 666
Whiskey ⁴	1,000 tax gal. ⁵	98, 993	118, 760	103, 927	149, 545	136, 000	105, 410
Tax-paid withdrawals, total ⁸	1,000 tax gal. ⁶	128, 326	144, 124	153, 122	177, 952	183, 996	188, 500
Whiskey	1,000 tax gal. ⁶	81, 267	80, 499	74, 356	83, 589	85, 185	86, 133
Stocks on hand June 30, total ⁶	1,000 tax gal. ⁶	525, 395	708, 562	841, 496	931, 509	974, 424	979, 495
Whiskey	1,000 tax gal. ⁶	480, 938	643, 280	715, 861	813, 720	867, 548	859, 765
Bottled for consumption, total	1,000 wine gal. ⁹	146, 292	161, 117	172, 304	203, 963	212, 776	220, 234
Whiskey	1,000 wine gal. ⁹	92, 644	139, 653	139, 004	146, 916	148, 088	152, 100
Still wines:							
Production ¹⁰	1,000 wine gal. ⁹	212, 368	207, 857	380, 220	511, 205	510, 314	500, 470
Tax-paid withdrawals ¹¹	1,000 wine gal. ⁹	82, 571	135, 581	136, 279	147, 554	152, 540	155, 320
Stocks on hand, June 30 ¹¹	1,000 wine gal. ⁹	93, 421	128, 438	128, 475	142, 575	141, 870	142, 452
Effervescent wines:							
Production	1,000 wine gal. ⁹	482	1, 061	1, 716	4, 113	4, 283	4, 455
Tax-paid withdrawals	1,000 wine gal. ⁹	419	1, 047	1, 561	3, 296	3, 733	3, 923
Stocks on hand, June 30	1,000 wine gal. ⁹	660	1, 619	1, 401	2, 712	3, 100	3, 307

¹ Barrels of 31 wine gallons (see footnote 9).

² Prior to 1960, represents registered distilleries, fruit distilleries, and industrial alcohol plants. In some instances a plant was operated at different times in more than 1 of these categories and was counted in each.

³ Prior to 1960, represents internal revenue bonded warehouses and industrial alcohol bonded warehouses.

⁴ Prior to 1960, net production obtained by deducting total products used in redistillation from gross production of neutral product (spirits); thereafter, each kind of distilled spirits used in redistillation was deducted from gross production of same kind.

⁵ Excludes alcohol produced for industrial use.

⁶ A tax gallon for spirits of 100 proof or over is equivalent to the proof gallon; for spirits of less than 100 proof, to the wine gallon. (See footnotes 7 and 9).

⁷ A proof gallon is the alcoholic equivalent of a U.S. gallon at 60° F., containing 50 percent of ethyl alcohol by volume.

⁸ Includes ethyl alcohol. ⁹ A wine gallon is the U.S. gallon, equivalent to the volume of 231 cubic inches.

¹⁰ Production represents total amount removed from fermenters, including distilling material. In 1963, 309,250,050 gallons of distilling materials were produced.

¹¹ Includes special natural wines. ¹² Excludes distilling materials.

¹³ Includes champagne, other effervescent wines, and artificially carbonated wines.

Source of tables 1123 and 1124: Treasury Dept., Internal Revenue Service; annual report, *Alcohol and Tobacco Summary Statistics*, and unpublished data.

Alcoholic Beverages—Tobacco

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No. 1125. DISTILLED SPIRITS, MALT LIQUORS, AND WINES—APPARENT AVERAGE ANNUAL PER CAPITA CONSUMPTION: 1930 TO 1963

[In gallons, except distilled spirits in tax gallons. For years ending June 30. Beginning 1958, includes Alaska and Hawaii]

YEAR	DISTILLED SPIRITS			MALT LIQUORS			WINES		
	Total	Domestic	Imported	Total	Domestic	Imported	Total	Domestic	Imported
1930	0.08	0.08	(2)				0.03	0.03	(2)
1935	0.70	0.67	0.03	10.45	10.44	0.01	0.30	0.28	0.02
1940	1.02	0.93	0.09	12.58	12.57	0.01	0.66	0.63	0.03
1945	1.22	1.05	0.17	18.86	18.79	0.07	0.73	0.70	0.03
1950	1.02	0.92	0.10	17.26	17.24	0.02	0.93	0.91	0.02
1951	1.23	1.09	0.14	16.97	16.95	0.02	0.87	0.84	0.03
1952	1.00	0.87	0.13	16.94	16.92	0.02	0.85	0.82	0.03
1953	1.10	0.96	0.14	16.79	16.76	0.03	0.90	0.86	0.04
1954	1.12	0.97	0.15	16.68	16.65	0.03	0.86	0.82	0.04
1955	1.07	0.92	0.15	16.13	16.09	0.04	0.89	0.85	0.04
1956	1.13	0.97	0.16	16.04	16.00	0.04	0.88	0.84	0.05
1957	1.17	0.99	0.18	15.54	15.49	0.05	0.89	0.86	0.03
1958	1.12	0.94	0.18	15.14	15.08	0.06	0.89	0.84	0.05
1959	1.14	0.94	0.20	15.25	15.19	0.06	0.89	0.84	0.05
1960	1.20	0.99	0.21	15.46	15.39	0.07	0.90	0.84	0.06
1961	1.19	0.97	0.22	15.04	14.97	0.07	0.91	0.85	0.06
1962	1.23	0.99	0.24	15.26	15.18	0.08	0.91	0.84	0.07
1963	1.25	1.00	0.25	15.17	15.09	0.08	0.92	0.85	0.07

1 Includes quantities withdrawn for certain manufacturing, compounding, medicinal, and sacramental uses.

2 Less than 0.005 gallons.

Source: Dept. of Commerce, Business and Defense Services Administration; unpublished data.

No. 1126. TOBACCO PRODUCTS—CIGARETTES, CIGARS, AND MANUFACTURED TOBACCO: 1931 TO 1963

[Data for 1931–1959 are for calendar years; thereafter, for years ending June 30. Data relate to products manufactured in conterminous U.S. factories and exclude cigars produced in customs bonded manufacturing warehouses. See *Historical Statistics, Colonial Times to 1957*, series P 194–196, for calendar year data]

YEARLY AVERAGE OR YEAR	Ciga- rettes ¹	Cigars ¹	MANUFACTURED TOBACCO						
			Millions	Millions	1,000 lb.				
1931–1940	147,922	5,122	347,057	194,039	46,277	4,182	59,532	5,716	37,311
1941–1950	331,097	5,593	285,169	137,913	45,364	3,892	51,145	5,872	40,983
1951–1959	435,343	6,080	197,705	82,185	35,943	2,888	34,807	4,338	37,544
1950	391,956	5,468	235,189	107,731	39,019	2,738	40,242	5,467	39,992
1951	418,803	5,664	227,151	101,324	39,088	2,817	39,918	4,551	39,453
1952	435,649	5,892	220,420	96,752	38,228	2,810	39,058	4,803	38,769
1953	423,070	5,973	209,368	86,599	38,139	2,855	38,053	4,670	39,052
1954	401,849	5,882	203,650	83,718	36,584	2,941	36,943	4,921	38,543
1955	412,809	5,834	199,120	79,991	35,977	2,954	36,503	4,474	39,221
1956	424,247	5,830	184,910	71,517	35,501	2,879	33,033	4,268	37,712
1957	442,328	5,952	178,992	70,540	33,951	2,819	31,647	3,967	36,068
1958	470,068	6,395	180,067	76,040	33,025	2,881	29,561	3,765	34,706
1959	489,865	7,298	175,663	73,180	32,990	3,038	28,547	3,622	34,286
1960	506,127	6,937	176,050	73,839	32,715	3,081	27,527	3,643	35,255
1961	518,031	6,648	173,704	74,854	32,594	3,126	25,981	3,382	33,816
1962	529,883	6,843	169,190	71,545	32,476	3,214	26,028	3,037	32,890
1963 (prel.)	543,688	6,657	167,204	69,781	33,398	3,296	25,066	2,952	32,711

1 Large and small.

Source: Treasury Dept., Internal Revenue Service; annual report, *Alcohol and Tobacco Summary Statistics*.

Manufactures

No. 1127. SUMMARY OF SMOKING HABITS, BY SEX: 1959-60

[Percent distribution. Based on a sample survey conducted during October 1959-February 1960, covering 25 States and approximately 43,000 persons over 30 years old.]

ITEM	Male	Female	ITEM	Male	Female
Total	100.0	100.0	Cigarettes per day:		
Type of smoking:			None or occasional ¹	53.3	72.7
Never smoked	21.1	66.3	Regular cigarette smokers	46.7	27.3
Occasional only ²	0.9	0.9	1 to 9 cigarettes	5.4	7.1
Ex-regular smokers	19.6	5.4	10 to 19 cigarettes	8.8	8.2
Current regular smokers	58.5	27.3	20 cigarettes	17.3	8.6
Cigarettes only	40.1	27.3	21 to 30 cigarettes	9.2	2.4
Cigars only	5.5		40 and over	5.6	0.9
Pipes only	4.0		Uncertain	0.3	
Combinations	8.9		Type of cigarette: ³		
			Filter-tip	49.3	71.9
			Nonfilter-tip	45.9	26.1
			Unknown	4.8	2.1

¹ Includes persons who were uncertain as to smoking habits. For female, includes a few women who smoked pipes or cigars only.

² Persons not smoking cigarettes regularly, some of whom are ex-regular cigarette smokers.

³ Regular cigarette smokers only.

Source: E. Cuyler Hammond and Lawrence Garfinkel, *Smoking Habits of Men and Women*, Journal of the National Cancer Institute, August 1961.

No. 1128. TOBACCO PRODUCTS—CONSUMPTION PER CAPITA, PERSONS 18 YEARS OLD AND OVER: 1925 TO 1963

[Pounds in unstemmed processing weight. Includes Alaska and Hawaii. Underlying data on unstemmed weights of tobacco used for tobacco products are from Department of Agriculture and Internal Revenue Service; underlying data on units of cigarettes and cigars and on product weight of smoking and chewing tobacco and snuff are mainly from Internal Revenue Service. Population data for making computations are from Bureau of the Census and include Armed Forces overseas]

YEAR	All products, ¹ pounds	CIGARETTES		CIGARS ²		To-bacco, pounds	YEAR	All products, ¹ pounds	CIGARETTES		CIGARS ²		To-bacco, pounds				
		Number	Pounds	Number	Pounds				Number	Pounds	Number	Pounds					
1925	9.66	1,085	3.10	94	2.15	4.40	1956	11.64	3,647	9.34	54	1.18	1.12				
1930	9.66	1,485	4.21	78	1.80	3.64	1957	11.38	3,751	9.20	55	1.11	1.07				
1935	8.67	1,564	4.22	58	1.40	3.04	1958	11.66	3,949	9.45	57	1.14	1.07				
1940	9.62	1,976	5.35	61	1.46	2.81	1959	11.64	4,071	9.45	61	1.15	1.02				
1945	13.02	3,449	9.48	56	1.35	2.18	1960	11.77	4,172	9.65	61	1.12	0.99				
1950	12.29	3,522	9.64	53	1.25	1.50	1961	11.94	4,266	9.85	60	1.10	0.98				
1955	11.98	3,595	9.48	55	1.28	1.22	1962	11.72	4,265	9.69	59	1.09	0.93				
							1963	11.81	4,345	9.76	60	1.11	0.92				

¹ Includes small cigars (weighing not more than 3 pounds per 1,000) not shown separately and which generally have accounted for less than 1 percent of the total.

² Weighing more than 3 pounds per 1,000 and includes cigarillos.

³ Smoking and chewing tobaccos and snuff. ⁴ Preliminary.

Source: Dept. of Agriculture, Economic Research Service; *Tobacco Situation*, and unpublished data.

No. 1129. TIRE CORD AND FABRICS—PRODUCTION, BY KIND: 1947 TO 1963

[In thousands of pounds. Excludes Alaska and Hawaii]

PRODUCT	1947	1950	1955	1960	1962	1963
Tire cord and fabrics	565,261	523,033	524,354	417,404	426,823	425,595
Man-made fibers						
Rayon tire cord, not woven	214,576	296,983	456,093	387,447	408,067	411,893
Rayon tire cord fabric, woven	1,25,638	1,50,082	406,889	239,609	208,300	197,855
Nylon tire cord and tire cord fabric	188,938	246,901	(1)	139,082	187,121	203,113
Chafer fabric and all other tire fabrics			49,204	(2)	8,756	12,646
Cotton	350,685	226,050	68,261	29,957	18,756	13,702
Tire cord and tire cord fabrics	285,076	165,395	16,742	2,887	2,228	932
Chafer fabric and all other tire fabrics	65,609	60,655	2,51,519	27,070	16,530	12,770

¹ Data for nylon included with rayon.

² Man-made fiber chafer fabric and all other tire fabrics included with cotton chafer fabric and all other tire fabrics.

Source: Dept. of Commerce, Bureau of the Census; 1947 Census of Manufactures reports, and *Current Industrial Reports*, Series M22T.4 and M22T.4(62)-5.

No. 1130. BROAD-WOVEN FABRICS—PRODUCTION, BY TYPE: 1947 TO 1963

[In millions of linear yards; in terms of gray goods except woolen and worsted which are in terms of finished yardage. Excludes Alaska and Hawaii. Fabrics composed of a mixture of fibers classified according to primary fiber content, except as noted]

PRODUCT	1947	1950	1955	1960	1962	1963 (prel.)
Total goods	12,371	13,105	13,119	12,056	12,313	12,070
Cotton woven goods over 12 inches in width, except tire fabrics	9,817	10,027	10,175	9,366	9,248	8,781
Cotton duck	206	249	242	206	226	210
Sheeting and allied coarse and medium yarn fabrics	3,039	2,737	2,587	2,482	2,551	2,399
Print cloth yarn fabrics	3,220	3,663	3,968	3,320	3,187	2,968
Napped fabrics	502	413	241	202	173	154
Colored yarn fabrics	752	860	699	449	426	439
Fine cotton goods (all combed, part-combed, and fine carded goods)	1,313	1,218	1,379	1,705	1,624	1,547
Towels, toweling, washcloths, and terrywoven fabrics other than towels	409	454	502	548	616	617
Specialties and all other fabrics	367	433	557	452	446	447
Rayon and acetate	1,977	2,406	1,928	1,434	1,588	1,714
File, upholstery, drapery, tapestry, and tie fabrics	57	88	118	197	230	247
100 percent filament rayon and/or acetate fabrics	1,237	1,601	887	660	671	665
Flat fabrics	652	860	717	578	590	582
Twisted yarn fabrics	585	741	170	82	81	83
100 percent spun rayon and/or acetate fabrics	332	434	528	224	308	297
Combination filament and spun rayon and/or acetate fabrics	179	202	109	82	92	102
All other rayon mixtures	172	131	285	271	287	403
Woolen and worsted, except woven felts	516	471	318	286	310	287
Apparel fabrics	448	391	298	281	301	275
Woolen	245	215	n.a.	n.a.	n.a.	n.a.
Worsted	203	176	n.a.	n.a.	n.a.	n.a.
Nonapparel fabrics	67	80	20	6	9	12
Silk, nylon, glass, and other ¹	62	201	699	970	1,167	1,288
Nylon fabrics, including mixtures	22	310	395	(4)	297	295
Silk fabrics, including mixtures	10	29	43	27	24	18
Other woven fabrics, not classified above	29	62	261	943	846	975

n.a. Not available.

¹ 1947 and 1950, comprises all fabrics containing more than 25 percent wool; thereafter, fabrics containing 50 percent or more wool.

² Includes fabrics made of acrylic, vinyl, protein, etc., fibers.

³ Nylon mixtures included with other fabrics.

⁴ Nylon fabrics included with other woven fabrics.

Source: Dept. of Commerce, Bureau of the Census; 1947 Census of Manufactures reports and *Current Industrial Reports*, Series M22T.

No. 1131. COTTON AND MAN-MADE FIBER FABRICS—BLEACHED, DYED, OR PRINTED
GOODS: 1947 TO 1962

[In millions of linear yards. Excludes Alaska and Hawaii. Fabrics are classified by chief fiber content]

PRODUCT	1947	1950	1955	1959	1960	1961	1962 (prel.)
Bleached, dyed, or printed goods	8,915	9,329	10,502	10,112	9,559	9,577	9,918
Cotton	6,944	7,063	8,144	7,891	7,440	7,477	7,735
Man-made fiber fabrics and silk ¹	1,971	2,266	2,358	2,221	2,119	2,100	2,183
Bleached and white finished goods	3,815	3,467	3,668	3,591	3,461	3,495	3,689
Cotton	3,616	3,296	3,346	3,338	3,158	3,171	3,371
Man-made fiber fabrics and silk ¹	199	170	321	254	303	325	318
Plain dyed and finished goods	3,176	3,950	4,320	4,300	4,030	4,105	4,211
Cotton	1,757	2,166	2,671	2,650	2,516	2,613	2,662
Man-made fiber fabrics and silk ¹	1,419	1,784	1,648	1,649	1,514	1,491	1,549
Printed and finished goods ²	1,924	1,912	2,514	2,221	2,068	1,977	2,018
Cotton	1,571	1,601	2,126	1,903	1,766	1,694	1,702
Man-made fiber fabrics and silk ¹	353	311	389	318	302	284	316

¹ Comprises fabrics made of rayon, acetate, nylon, silk, glass, acrylic fibers, etc.

² Includes roller, screen, flock and block printed fabrics.

Source: Dept. of Commerce, Bureau of the Census; 1947 Census of Manufactures reports, and *Current Industrial Reports*, Series M22S and M22S(62)-1.

Manufactures

No. 1132. MILL CONSUMPTION OF COTTON, WOOL, MAN-MADE FIBERS, FLAX, AND SILK: 1930 TO 1962

[In millions of pounds, except per capita in pounds. Beginning 1959, includes Alaska, and 1960, Hawaii. Per capita figures based on population estimates as of July 1, including Armed Forces overseas]

YEAR	COTTON ¹		WOOL (scoured basis) ²		MAN-MADE FIBERS				FLAX ³		SILK ⁴	
			Rayon and acetate ⁵		Other ⁶							
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
1930	2,617	21.26	263	2.14	119	0.97	-----	-----	16	0.13	81	0.65
1935	2,755	21.66	418	3.28	272	2.15	-----	-----	13	0.10	72	0.57
1940	3,959	29.97	408	3.09	494	3.74	4	0.08	12	0.09	48	0.36
1945	4,516	32.28	645	4.61	795	5.68	50	0.36	7	0.05	1	0.01
1950	4,683	30.87	635	4.18	1,375	9.06	144	0.95	11	0.07	11	0.07
1955	4,382	26.51	414	2.50	1,455	8.80	448	2.71	8	0.05	11	0.07
1957	4,060	23.72	369	2.15	1,203	7.03	590	3.45	7	0.04	8	0.05
1958	3,867	22.21	331	1.90	1,162	6.68	602	3.46	4	0.02	5	0.03
1959	4,334	24.46	435	2.46	1,294	7.31	771	4.35	4	0.02	8	0.05
1960	4,191	23.20	411	2.30	1,082	5.99	796	4.41	5	0.03	7	0.04
1961	4,081	22.22	412	2.24	1,159	6.31	905	4.93	6	0.03	7	0.04
1962 (prel.)	4,188	22.44	429	2.30	1,207	6.95	1,128	6.05	6	0.03	6	0.03

¹ Reported by Bureau of the Census. For American cotton, tare as reported by Crop Reporting Board deducted. For foreign cotton, 18 pounds deducted.

² Reported by Bureau of the Census. Beginning 1950, excludes consumption in cotton and other spinning systems and consumption in batting and felt manufacture.

³ From *Textile Organon*. Represents domestic shipments plus imports for consumption. Beginning 1935, includes producers waste consumed at mills.

⁴ From *Textile Organon*. Represents domestic production less exports plus imports for consumption. Beginning 1935, includes producers waste consumed at mills.

⁵ Through 1960, represents imports for consumption reported by Bureau of the Census plus estimated production reported by (a) Bureau of Plant Industry through 1945 and (b) Portland, Oreg., Office of Agricultural Marketing Service for 1950; beginning 1955, imports for consumption reported by Bureau of the Census.

⁶ Compiled from reports of Bureau of the Census. For 1930, general imports less reexports; beginning 1935, imports for consumption.

Source: Dept. of Agriculture, Economic Research Service; unpublished data. (Through 1950, in Dept. of Commerce, Business and Defense Services Administration; *Wool and Man-Made Fibers in the United States*.)

No. 1133. COTTON-SYSTEM SPINDLES, COTTON CONSUMPTION, AND STOCKS: 1930 TO 1963

[For years ending July 31. Excludes Alaska and Hawaii. Consumption and stocks are expressed in running bales, counting round as half bales, except foreign cotton for all years which is in equivalent 500-pound bales. See *Historical Statistics, Colonial Times to 1957*, series P 197, for total cotton consumed including linters.]

YEAR	COTTON-SYSTEM SPINDLES (1,000)				Spindle hours consuming 100% cotton (billions)	COTTON CONSUMED, EXCLUDING LINTERS (1,000 BALES) ¹			STOCKS AT END OF YEAR (1,000 BALES) ²			
	Active ³			Cotton-growing States		Total	Cotton-growing States	Other States	Cotton, excluding linters			
	Total in place ¹	Total	Cotton-growing States	Other States					Total	Domestic	Foreign	Linters
1930	34,025	31,245	18,586	12,659	88	6,106	4,749	1,357	6,528	6,457	71	239
1935	30,093	26,701	18,212	8,489	73	5,361	4,306	1,055	4,060	3,851	209	187
1940	24,750	23,586	17,641	5,945	97	7,784	6,647	1,137	10,094	9,999	95	400
1945	23,128	22,675	17,610	5,065	112	9,568	8,455	1,113	10,339	10,215	124	247
1950	22,995	21,790	17,673	4,117	109	8,851	8,030	821	6,496	6,399	97	208
1955	22,273	20,716	18,280	2,486	113	8,841	8,358	484	10,985	10,920	65	148
1957	21,195	19,760	18,119	1,641	112	8,728	8,320	408	11,026	10,987	39	410
1958	20,845	19,241	17,720	1,521	102	7,973	7,629	344	8,446	8,411	35	334
1959	20,274	19,248	17,799	1,449	109	8,671	8,313	358	8,665	8,623	42	347
1960	19,986	19,222	17,801	1,420	113	9,017	8,670	346	7,344	7,307	37	305
1961	19,603	18,986	17,770	1,216	105	8,252	7,946	307	6,738	6,697	41	268
1962	19,491	18,764	17,815	949	110	9,071	8,786	285	7,641	7,599	42	425
1963	19,302	18,634	17,829	805	101	8,391	8,162	229	10,936	10,843	93	355

¹ Prior to 1950, represents all spindles in place used exclusively for spinning cotton; thereafter, represents all spindles in place regardless of fiber spun.

² Prior to 1950, represents sum of greatest number of cotton spindles reported by each mill as active at any time during year, regardless of length of time operated; thereafter, comprises cotton-system spindles active last day of year, regardless of type of fiber spun. On Aug. 3, 1963, there were 15,688,000 spindles active on cotton, 1,509,000 on synthetics, 1,437,000 on other fibers and blends, and 668,000 idle.

³ Includes foreign and domestic cotton.

* Cotton stocks prior to 1940 and linters stocks for all years are stocks held by consuming establishments. Cotton stocks beginning in 1940 include stocks at public storage and compresses.

Source: Dept. of Commerce, Bureau of the Census; annual report, *Cotton Production and Distribution*, and unpublished data.

No. 1134. WOOL—STOCKS, PRODUCTION, PRICE, IMPORTS, AND EXPORTS: 1946 TO 1963

[In thousands of pounds, except as indicated. Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series K 240-241, for shorn production and price]

ITEM	1946-1950, average	1951-1955, average	1956-1960, average	1955	1960	1961	1962	1963 (prel.)
Stocks of apparel wool, Apr. 1 ¹				159,671	100,739	2 91,290	87,360	78,050
Sheep and lambs shorn...1,000	29,402	27,817	20,623	28,149	31,064	30,707	29,513	27,837
Weight per fleece...pound	8.1	8.4	8.4	8.6	8.6	8.5	8.4	8.6
Shorn wool production...	238,789	234,150	250,082	241,284	265,480	261,121	248,919	238,013
Price per pound ² ...cents	49.0	46.4	43.9	42.8	42.0	42.9	47.7	48.5
Pulled wool production...	46,500	37,360	34,520	41,600	33,600	34,500	29,900	28,800
Apparel wool, grease basis:								
Total production.....	255,289	271,510	284,602	282,884	299,080	295,621	278,819	266,813
Imports ³	8 486,246	279,946	122,775	169,054	106,021	130,095	181,256	155,120
Exports, domestic ⁴	10,401	628	1,633	285	263	316	124	175
Total new supply ⁵	8 740,740	550,828	405,744	451,653	405,738	425,400	459,951	421,758
Carpet wool, imports ⁵	254,679	162,038	193,512	185,958	202,439	205,946	181,080	213,407

¹ Scoured basis.

² January 1.

³ Price received by farmers. Weighted season average, 1946 to date. Season April–March for all years except 1963, which is April–December.

⁴ Includes an allowance for wool under loan.

⁵ Actual weight. Imports for consumption. Carpet wool includes all duty-free wool and apparel wool includes all dutiable wool.

⁶ 1946 excludes duty-free wool imported and stored in this country largely for the British Government, and later reexported; not available to domestic mills.

⁷ Includes a small amount of carpet wool. From January 1952, reported on "clean content" basis only.

⁸ Production, minus exports, plus imports; stocks not taken into consideration.

Source: Dept. of Agriculture, Statistical Reporting Service. In annual report, *Agricultural Statistics*. Exports and imports from Dept. of Commerce, Bureau of the Census.

No. 1135. WOOL—CONSUMPTION AND MANUFACTURING MACHINERY: 1947 TO 1963

[Machinery in place as of end of year, except as noted. Excludes Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1957*, series P 198, for wool consumed in manufacturing]

YEAR	MACHINERY IN PLACE!					CONSUMED IN MANUFACTURING (1,000,000 pounds) ³		
	Worsted combs	Spinning spindles		Looms		Total ⁴	Apparel class ⁵	Carpet class
		Woolen	Worsted	Woolen and worsted	Carpet ² and rug			
1947	2,656	1,561,198	1,920,542	38,572	5,683	698.3	525.9	172.4
1950	2,808	1,308,139	1,814,430	36,337	4,894	634.8	436.9	197.0
1954 ⁶	n.a.	n.a.	n.a.	n.a.	5,411	380.8	266.3	114.5
1955	2,092	817,254	925,786	21,734	n.a.	413.8	281.2	132.6
1956	1,751	752,717	809,022	19,429	n.a.	440.7	296.6	144.1
1957	1,569	746,063	741,886	18,849	n.a.	308.8	240.9	127.9
1958	1,558	728,323	712,696	17,300	3,234	331.1	212.0	119.1
1959	1,526	711,872	688,526	17,251	n.a.	435.3	264.9	170.4
1960	1,498	696,525	654,480	16,058	n.a.	411.0	246.4	164.6
1961	1,575	647,596	656,890	15,969	n.a.	412.1	263.1	149.0
1962	1,598	590,923	660,649	15,045	2,238	429.1	280.2	148.9
1963	1,518	559,695	660,041	6 13,926	2,002	5 412.2	5 251.2	5 161.0

n.a. Not available.

¹ Machinery in place is that which is set up in operating position.

² For 1954, machinery in possession.

³ Scoured wool, plus greasy wool reduced to scoured basis, assuming average yields varying with class, origin, grade, and whether shorn or pulled.

⁴ Wool regarded as more or less suitable for apparel purposes; formerly "Combing and clothing."

⁵ Beginning 1950, includes raw wool consumed on woolen and worsted systems only.

⁶ Preliminary.

Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M22D, Series M22E, a special tabulation from Series M22T, and the Census of Manufactures.

Manufactures

No. 1136. KNIT CLOTH AND OUTERWEAR—PRODUCTION, BY TYPE: 1947 TO 1963

[Beginning 1960, includes Alaska and Hawaii]

PRODUCT	UNIT	1947	1950	1955	1960	1961	1962	1963
Finished knit cloth for sale ¹	Million lb.....	152.6	162.8	181.9	247.7	280.6	297.8	n.a.
Warp knit fabrics.....	Million lb.....	41.5	47.2	54.9	81.5	88.2	104.9	n.a.
Circular knit fabrics.....	Million lb.....	111.1	115.6	127.0	166.2	192.4	192.9	n.a.
Knit outerwear:								
Sweaters, jackets, and jerseys.....	1,000 dozens.....	6,677	8,733	10,119	12,903	12,664	13,276	n.a.
Bathing suits and trunks.....	1,000 dozens.....	500	328	330	1,119	1,189	1,349	1,325
Knit headwear.....	1,000 dozens.....	1,556	1,599	1,426	1,450	1,655	2,045	1,930

n.a. Not available.

¹ Beginning 1950, represents shipments.Source: Dept. of Commerce, Bureau of the Census; 1947 Census of Manufactures reports and *Current Industrial Reports*, Series M22K and M23A.

No. 1137. WOMEN'S, MISSES', AND JUNIORS' OUTERWEAR—SELECTED GARMENTS CUT: 1947 TO 1963

[Beginning 1960, includes Alaska and Hawaii]

TYPE OF GARMENT	UNIT	1947	1950	1955	1960	1961	1962	1963 (prel.)
Blouses.....	1,000 dozens.....	7,496	10,764	14,889	15,571	15,241	16,438	16,355
Unit-priced dresses.....	1,000 units.....	127,791	139,607	160,445	155,374	164,775	152,991	163,108
Dozen-priced dresses.....	1,000 dozens.....	75,456	9,097	9,162	8,186	8,115	8,131	8,322
Suits.....	1,000 units.....	14,352	18,048	13,638	9,419	9,271	9,676	9,941
Skirts.....	1,000 dozens.....	2,020	4,784	6,575	8,338	8,048	7,871	9,898
Untrimmed coats.....	1,000 units.....	18,956	22,598	22,526	21,012	21,103	20,223	} 24,558
Fur-trimmed coats.....	1,000 units.....	1,924	2,105	1,469	2,532	3,191	3,806	

Source: Dept. of Commerce, Bureau of the Census; 1947 Census of Manufactures reports and *Current Industrial Reports*, Series M23A and M23H.

No. 1138. MEN'S AND BOYS' CLOTHING—SELECTED GARMENTS CUT: 1947 TO 1963

[Beginning 1960, includes Alaska and Hawaii]

TYPE OF GARMENT	UNIT	1947	1950	1955	1960	1961	1962	1963 (prel.)
Suits.....	1,000 units.....	28,882	27,145	23,857	26,419	24,326	26,382	27,532
Men's.....	1,000 units.....	26,428	23,605	20,280	21,316	18,797	20,218	21,587
Boys'.....	1,000 units.....	2,464	3,450	3,577	5,103	5,529	6,164	5,945
Separate trousers ¹	1,000 units.....	60,905	65,819	67,355	100,335	98,313	114,320	109,440
Separate coats.....	1,000 units.....	5,286	8,855	10,234	14,203	13,484	15,217	16,408
Men's and youths'	1,000 units.....	4,760	7,039	7,932	10,237	9,711	11,320	12,653
Boys'	1,000 units.....	526	1,816	2,302	3,966	3,773	3,897	3,755
Dress and sport shirts, men's.....	1,000 dozens.....	17,042	18,100	21,757	23,208	22,317	24,737	24,832
Overalls.....	1,000 dozens.....	6,807	9,824	9,753	7,519	7,624	8,283	n.a.
Men's.....	1,000 dozens.....	4,241	6,100	4,854	2,965	3,090	3,371	4,301
Boys'	1,000 dozens.....	2,666	3,724	4,899	4,554	4,534	4,912	n.a.
Work shirts (includes flannel).....	1,000 dozens.....	5,815	5,796	5,067	3,763	3,887	3,601	n.a.
Men's.....	1,000 dozens.....	4,959	5,471	4,557	3,896	3,620	3,635	3,759
Boys'	1,000 dozens.....	856	325	510	67	67	56	n.a.

n.a. Not available.

¹ Beginning 1955, men's only.Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M23A and M23B.

Hosiery—Shoes and Slippers

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No. 1139. HOISIERY—PRODUCTION, BY TYPE: 1950 TO 1963

[In thousands of dozens of pairs. Excludes Alaska and Hawaii. Excludes slipper socks]

TYPE	1950	1955	1959	1960	1961	1962	1963
All types	160,046	151,911	156,286	154,865	168,464	172,557	178,012
Women's and misses' (full- and knee-length)							
Full-fashioned	59,033	59,905	63,123	64,875	70,053	72,674	75,979
Nylon	51,534	47,250	33,128	28,735	22,309	16,673	10,495
All other	51,032	46,981	32,973	28,604	22,219	16,588	10,413
Seamless	552	269	155	131	90	85	82
Nylon	7,449	12,655	29,995	36,140	47,744	56,001	65,484
Other	4,303	10,662	28,976	35,337	46,990	55,375	64,923
	3,146	1,993	1,019	803	754	626	561
Men's	63,181	56,503	52,506	51,184	50,892	51,352	49,990
Half-hose	21,115	14,659	10,773	12,217	9,289	7,176	7,675
Cotton (incl. bundle goods)	12,782	9,701	7,156	8,749	6,484	5,349	5,823
Wool (incl. bundle goods)	3,409	2,564	1,995	1,640	1,579	1,520	1,555
Other	4,924	2,394	1,622	1,828	1,226	307	297
Slack socks and anklets	36,630	37,500	36,206	31,716	35,543	35,927	33,195
Cotton	24,483	23,429	22,296	20,064	21,480	22,585	20,004
Nylon	3,038	9,486	8,824	7,452	9,250	9,255	9,645
Acrylic						2,324	2,075
Other	9,109	4,675	5,616	4,200	4,813	1,783	1,471
Crew and athletic ³	5,436	4,254	5,527	7,251	6,060	7,925	8,608
Cotton	3,360	2,495	2,787	4,647	3,985	8,705	4,457
Wool	2,076	1,759	2,740	2,604	2,075	2,779	2,887
All other						1,441	1,814
Knee-length						324	512
Boys', infants', and children's and misses'	37,832	35,503	40,657	38,806	47,519	48,531	52,043
Boys'	5,722	6,156	10,573	11,306	14,000	14,109	15,489
Slack socks ¹	5,722	6,156	9,627	9,833	11,581	8,187	8,464
Crew and athletic ³			946	1,473	2,419	5,922	7,025
Infants'	7,961	5,395	6,197	6,415	7,117	7,211	7,645
Anklets	7,961	5,395	6,197	6,415	7,117	6,913	7,136
Crew socks						298	509
Children's and misses'	24,149	23,952	23,887	21,085	26,402	27,211	28,909
Anklets	22,313	22,337	21,096	18,036	22,567	15,779	16,794
Other ³	1,836	1,615	2,791	3,049	3,855	11,432	12,115

¹ 1950 and 1955, full-fashioned included in "Other"; thereafter, distributed among fibers used.

² 1950 and 1955, boys' anklets included with men's cotton slack socks.

³ 1950 and 1955, boys' and women's and misses' crew socks included with men's crew socks.

Source: National Association of Hosiery Manufacturers, New York, N.Y., and Charlotte, N.C.; annually in *Hosiery Statistics*.

No. 1140. SHOES AND SLIPPERS—PRODUCTION, BY CLASS: 1947 TO 1963

[In thousands of pairs. Excludes Alaska and Hawaii, except as noted. Excludes rubber footwear]

CLASS	1947	1950	1955	1960	1961	1962	1963 (prel.)
Shoes and slippers	484,964	522,532	585,369	1,600,480	1,593,379	1,598,093	591,412
Footwear, except slippers	437,312	464,506	517,300	526,574	520,340	518,404	520,398
Shoes, sandals, and playshoes	429,923	456,611	509,207	514,053	507,636	504,392	505,888
Men's	107,486	103,361	103,661	100,578	103,336	108,796	105,274
Youths' and boys'	19,829	16,721	22,097	24,128	24,225	24,429	22,706
Women's	212,381	236,059	270,908	279,822	273,373	268,196	279,354
Misses'	27,026	32,706	40,755	40,234	39,240	37,138	36,026
Children's	27,035	29,173	33,784	32,654	31,679	30,439	34,053
Infants'	21,664	24,747	38,002	36,837	35,783	35,394	28,475
Babies'	14,502	13,844					
Athletic shoes	4,233	3,644	4,723	7,008	6,641	7,001	6,022
Other footwear	3,156	4,251	3,370	5,513	6,063	7,011	8,488
Slippers for housewear	47,652	58,026	68,069	73,467	72,567	79,232	71,014

¹ Includes production for Hawaii, not distributed by class.

Source: Dept. of Commerce, Bureau of the Census; 1947 and 1958 Censuses of Manufactures reports and *Current Industrial Reports*, Series M31A.

Manufactures

No. 1141. LEATHER—PRODUCTION, BY PRINCIPAL TYPES OF RAW STOCK: 1937 TO 1963

[In thousands. Excludes Alaska and Hawaii]

YEAR	Cattle hide	Calf and whole kip	Goat and kid	Sheep and lamb ¹	YEAR	Cattle hide ²	Calf and whole kip	Goat and kid	Sheep and lamb ¹
1937	22,380	12,027	46,554	34,077	1950	24,383	10,659	37,203	31,397
1938	19,047	12,991	31,905	28,675	1951	22,703	7,955	31,111	24,504
1939	22,095	14,027	40,419	38,914	1952	22,694	9,960	30,418	27,902
1940	21,070	11,387	37,697	37,920	1953	24,070	9,958	32,154	28,264
1941	28,121	13,098	45,373	51,915	1954	24,210	9,366	26,496	23,796
1942	30,828	12,264	41,127	53,629	1955	25,832	10,393	26,109	26,434
1943	25,656	11,112	37,351	59,891	1956	25,908	8,546	25,103	27,241
1944	26,152	10,930	34,653	55,296	1957	25,511	9,217	22,336	25,565
1945	27,566	11,636	24,026	52,450	1958	23,818	8,069	19,992	27,453
1946	27,032	10,882	24,137	47,971	1959	23,167	6,573	22,797	32,054
1947	28,824	12,471	37,188	36,535	1960	21,969	6,332	18,835	30,478
1948	26,070	10,480	37,970	33,492	1961	22,736	6,391	14,865	31,891
1949	23,332	10,173	34,774	28,644	1962	22,523	5,981	14,213	30,321
					1963	21,654	5,596	14,182	34,374

¹ Includes the flesh side leather of split sheepskins (fleshers) and excludes the grain leather (skivers).² Beginning 1954, includes side kip.Source: Dept. of Commerce, Office of Business Economics; *Survey of Current Business*. (Original source is Tanners' Council of America, Inc., New York, N.Y.)

No. 1142. RUBBER (NATURAL, RECLAIMED, AND SYNTHETIC)—NEW SUPPLY, DISTRIBUTION, AND STOCKS: 1945 TO 1963

[In tons of 2,240 pounds. Excludes Alaska, Hawaii, and Puerto Rico, except as noted. Natural rubber refers to dry weights of all types, including liquid latex, guayule, etc. Synthetic comprises SBR (including weight of oil content, beginning 1955), Neoprene, butyl, and butadiene-acrylonitrile, all years; beginning 1961, also includes polyisobutylene, chlorosulfonated polyethylene, and polysulfide, silicone, acrylic, stereo, and fluorocarbon rubbers. Reclaimed comprises both natural and synthetic rubber reclaims]

ITEM	1945	1950	1955	1960	1961 ¹	1962 ¹	1963 ¹
New supply							
Domestic production	1,209,761	1,618,108	1,945,733	2,149,557	2,070,461	2,290,389	2,288,326
Natural	1,064,218	789,190	1,296,382	1,729,238	1,667,869	1,854,991	1,889,540
Reclaimed	536						
Synthetic	243,309	313,006	325,914	292,796	263,860	280,527	281,179
Imports ²	820,373	476,184	970,468	1,436,442	1,404,009	1,574,464	1,608,361
Natural	145,543	828,918	649,351	420,319	402,592	455,398	395,786
Reclaimed	135,136	802,138	657,577	410,717	390,907	421,529	370,237
Synthetic	(4)	1,059	735	407	25	361	688
Distribution	10,407	25,721	11,039	9,195	11,660	18,508	18,861
Domestic consumption	1,143,979	1,590,324	1,960,813	2,203,001	2,098,343	2,311,602	2,336,508
Natural	1,040,045	1,562,290	1,842,480	1,834,808	1,779,797	1,982,114	2,020,511
Reclaimed	105,429	720,268	634,800	479,048	427,341	462,759	449,957
Synthetic	241,036	303,733	312,781	276,515	250,285	263,419	261,868
Exports ³	693,580	538,289	894,899	1,079,245	1,102,171	1,255,936	1,308,086
Natural	103,934	28,034	118,333	368,193	318,546	329,488	315,997
Reclaimed	6,743	8,640	10,611	12,431	6,042	8,159	16,600
Synthetic	83,778	7,653	98,734	342,003	296,983	303,772	281,985
Stocks, end of year ⁴	350,324	177,681	279,342	358,929	355,150	362,670	373,265
Natural	118,715	89,215	110,105	77,275	68,082	70,173	59,831
Reclaimed	28,155	35,708	31,498	32,798	30,829	30,420	31,146
Synthetic	6 203,454	82,768	137,739	248,866	256,239	262,077	282,288

¹ Includes Alaska and Hawaii.² Excludes 88,937 tons of natural rubber delivered from Government stockpiles for 1960, 25,770 tons for 1961, 56,097 tons for 1962, and 84,191 tons for 1963.³ Includes Alaska, Hawaii, and Puerto Rico. ⁴ Less than 0.5 long tons.⁵ Differences between "New supply" and "Distribution" not precisely comparable with "Stocks" due to year-end and inventory adjustments. ⁶ Includes stocks shipped for export which had not yet cleared port.Source: Dept. of Commerce, Business and Defense Services Administration. Monthly data in *Survey of Current Business*.

No. 1143. CHEMICALS—PRODUCTION, BY KIND: 1950 TO 1963

[Beginning 1960, includes Alaska and Hawaii. Data for chemicals shown are restricted to a selected group composed for the most part of inorganic chemicals and related products which are sufficiently important economically to justify publication. Includes data for chemicals produced by Tennessee Valley Authority, and, beginning 1955, by Government-owned privately operated plants]

CHEMICAL	UNIT	1950	1955	1960	1962	1963 (prel.)
Acetylene ¹	Mil. cu. ft.	5,331	8,512	12,143	13,239	13,770
Aluminum chloride:						
Anhydrous (100% AlCl ₃)	Short tons	31,783	36,911	24,013	24,966	28,136
Liquid and crystal (32° Bé)	Short tons	17,671	16,284	25,830	23,982	26,629
Aluminum sulfate (17% Al ₂ O ₃): ²						
Commercial	Short tons	669,897	808,202	879,105	917,341	927,467
Iron free	Short tons	40,236	25,225	51,744	64,183	60,884
Aminomine, synthetic anhydrous	1,000 sh. tons	1,566	3,252	4,818	5,810	6,646
Ammonium nitrate, original solution (100% NH ₄ NO ₃)	1,000 sh. tons	1,214	1,842	3,122	3,406	3,939
Ammonium sulfate, synthetic (technical) ³	1,000 sh. tons	1,138	1,173	859	1,103	1,184
Argon (refined)	Mil. cu. ft.	50	247	570	820	1,009
Calcium carbide (commercial)	1,000 sh. tons	671	875	1,093	1,083	1,095
Calcium phosphate, dibasic (100% CaHPO ₄)	Short tons	53,046	164,539	234,916	250,653	240,087
Carbon, activated ⁴	Short tons	37,921	48,518	59,963	61,618	73,002
Carbon dioxide (liquid, gas, and solid) ⁵	Short tons	639,906	776,753	897,877	1,023,069	1,064,801
Chlorine, gas ⁶	1,000 sh. tons	2,084	3,421	4,637	5,143	5,448
Chromic, yellow and orange (C.P.)	Short tons	27,098	27,050	21,372	24,452	24,748
Hydrochloric acid (100% HCl)	Short tons	618,784	838,249	970,167	1,052,116	1,047,057
Hydrofluoric acid, anhydrous and aqueous (100% HF)	Short tons	35,174	66,637	113,754	122,688	131,054
Hydrogen, high purity (99.5-100%) ⁷	Mil. cu. ft.	45,163	35,831	12,943	18,052	21,498
Hydrogen, lower purity (less than 99.5%) ⁷	Mil. cu. ft.	45,163	35,831	52,293	57,721	73,249
Hydrogen peroxide (100% by weight)	Short tons	10,787	n. a.	28,690	30,804	33,380
Molybdate chrome orange (C.P.)	Short tons	3,905	6,289	6,326	7,467	8,436
Nitric acid (100% HNO ₃)	1,000 sh. tons	1,338	2,592	3,315	3,670	4,197
Nitrogen gas (100% N ₂)	Mil. cu. ft.	1,350	3,860	18,566	43,108	52,056
Nitrogen solutions (100% N)	Short tons	n. a.	408,593	803,957	891,184	982,219
Oxygen, high purity (99.5-100% O)	Mil. cu. ft.	17,848	29,300	57,987	103,931	129,199
Oxygen, lower purity (less than 99.5%) (95% O)	1,000 sh. tons	n. a.	n. a.	1,479	1,683	1,543
Phosphoric acid (100% P ₂ O ₅)	1,000 sh. tons	594	1,315	2,087	2,447	2,901
Phosphorus (white and red)	Short tons	153,233	202,954	409,096	451,970	488,091
Potassium hydroxide (88-92% KOH)	Short tons	61,885	70,034	102,614	120,567	134,168
Potassium pyrophosphate (100% K ₂ P ₂ O ₇)	Short tons	n. a.	n. a.	25,934	30,253	37,353
Soda ash: Synthetic (58% Na ₂ O): ⁸	Total crude bicarbonate equivalent ⁹					
	1,000 sh. tons	3,091	4,967	4,558	4,607	4,682
	Finished light ¹⁰	1,000 sh. tons	2,050	2,701	2,288	2,207
	Finished dense	1,000 sh. tons	1,410	1,769	1,098	2,174
	Soda ash, natural	1,000 sh. tons	338	689	700	994
Sodium bichromate and chromate	Short tons	89,820	118,524	121,872	127,478	130,311
Sodium chlorate (100% NaClO ₃)	Short tons	22,085	46,972	91,585	111,798	122,084
Sodium hydroxide (caustic soda):						
Liquid (100% NaOH)	1,000 sh. tons	2,511	3,915	4,972	5,443	5,697
Sodium phosphate:						
Tribasic (100% Na ₃ PO ₄)	Short tons	66,801	51,846	50,977	55,225	55,659
Meta (100% Na ₂ PO ₄)	Short tons	39,412	57,597	62,583	65,755	64,530
Tetra (100% Na ₄ PO ₇)	Short tons	85,657	102,761	90,013	97,175	109,193
Acid pyro (100% Na ₂ H ₂ PO ₄)	Short tons	9,052	15,245	17,109	20,072	20,364
Tripoly (100% Na ₅ P ₃ O ₁₀)	Short tons	233,034	556,337	689,776	770,252	803,409
Sodium silicate (soluble silicate glass, liquid and solid) (anhydrous) ¹¹	Short tons	186,203	620,168	497,348	553,337	552,281
Sodium sulfate:						
High purity (more than 99% Na ₂ SO ₄)	Short tons	184,254	256,549	303,235	368,113	
Glauber's salt (100% Na ₂ SO ₄ ·10H ₂ O)	Short tons	185,626	149,177	72,340	12,862,614	120,665
Lower purity (99% or less Na ₂ SO ₄)	Short tons	551,305	737,599	737,996		
Sulfuric acid, gross (100% H ₂ SO ₄) ¹²	1,000 sh. tons	13,029	16,255	17,883	19,351	20,518
Titanium dioxide (composite and pure) (100% TiO ₂)	Short tons	208,618	408,836	455,583	523,201	519,458

n. a. Not available.

¹ Excludes quantities of acetylene produced and consumed by railroad shops, shipyards, and small establishments using portable generators.

² Excludes quantities produced and consumed by municipalities.

³ Excludes by product coke-oven production.

⁴ Includes data for decolorizing and water purification grades only.

⁵ Excludes quantities produced and consumed in plants manufacturing soda ash or urea.

⁶ Total production, including quantities liquefied for use, storage, or shipment.

⁷ Beginning 1955, excludes quantities produced and consumed in manufacture of methanol and ammonia, produced by ammonia dissociation process, or disposed of as waste, e.g., vented, used as fuel, etc.

⁸ Ammonia soda and caustic carbonation processes.

⁹ Includes quantities used to manufacture caustic soda, sodium bicarbonate, and finished light and dense soda ash. ¹⁰ Excludes quantities converted to finished dense soda ash.

¹¹ Prior to 1960, includes amounts produced and consumed in making meta-ortho and sesquisilicates; beginning 1960, excludes these amounts. ¹² Includes Glauber's salt converted to 100% Na₂SO₄.

¹³ Includes sulfuric acid of oleum grades.

Source: Dept. of Commerce, Bureau of the Census; compiled from manufacturers' reports and published in Current Industrial Reports, Series M28A.

No. 1144. SELECTED MEDICINAL CHEMICALS—PRODUCTION AND SALES:
1945 TO 1962

[Production and sales in thousands of pounds; value in thousands of dollars. Excludes Alaska and Hawaii. Production in terms of 100-percent chemical content, exclusive of materials used in mixing or compounding tablets, solutions, and suspensions for consumer use. Sales include only that part of original production sold in undiluted or uncompounded form except as noted]

CHEMICAL	1945	1950	1955	1958	1959	1960	1961	1962
Amino acids: ¹								
Production	2,177	929	1,773	4,249	4,880	2,5163	5,946	5,007
Sales	2,189	736	2,007	3,869	4,446	4,214	5,106	5,492
Value	2,502	1,942	4,901	7,366	7,145	6,330	7,320	7,210
Antihistamines:								
Production		277	2,151	316	292	255	247	375
Sales		2,88	2,61	2,111	2,123	2,106	2,102	216
Value		2,3,197	2,1,748	2,3,273	2,3,436	2,3,155	2,3,256	4,755
Aspirin:								
Production	10,941	11,110	15,092	20,819	18,097	23,553	22,668	27,194
Sales	10,120	12,003	13,203	16,312	17,155	18,271	20,118	22,874
Value	3,770	5,511	6,955	8,840	9,235	9,961	10,969	12,418
Barbiturates: ³								
Production	582	689	864	790	819	852	700	828
Sales	557	499	486	513	583	456	407	524
Value	3,026	2,740	2,807	2,433	2,853	2,429	1,903	2,389
Caffeine, natural and synthetic:								
Production	727	1,708	1,153	1,513	1,933	2,034	2,130	1,959
Sales	604	1,658	1,238	1,659	1,886	2,000	1,983	2,064
Value	1,616	6,597	3,673	4,069	3,801	4,176	4,444	4,856
Choline salts:								
Production	(4)	422	5,100	12,501	12,612	15,176	18,924	20,431
Sales	(4)	323	4,636	11,874	12,268	14,605	17,184	19,772
Value	(4)	388	1,902	3,006	3,035	3,573	3,977	4,480
Penicillin salts: ⁴								
Production	12	429	455	516	567	859	1,102	1,254
Sales	12	350	445	491	489	677	907	930
Value	46,462	93,052	43,980	60,321	57,343	57,391	58,255	66,504
Piperazine and derivatives:								
Production	(4)	(4)	450	7,795	7,474	8,975	4,113	4,712
Sales	(4)	(4)	568	7,729	7,439	1,204	3,547	3,727
Value	(4)	(4)	1,331	7,904	7,468	1,572	4,216	3,925
Salicylic acid:								
Production	5,412	5,616	7,768	8,454	6,886	9,282	9,723	10,574
Sales	3,654	4,569	5,227	6,814	6,154	7,882	8,292	8,723
Value	1,021	1,440	1,923	2,628	2,370	3,086	3,266	3,467
Streptomycin: ⁵								
Production		46	154	179	281	605	635	831
Sales		44	99	166	240	329	438	708
Value		7,131	5,127	5,797	5,388	7,515	7,856	9,498
Sulfa drugs:								
Production	5,888	4,967	2,767	3,725	5,835	5,080	4,181	4,257
Sales	5,672	3,704	(4)	(4)	(4)	(4)	(4)	(4)
Value	20,314	20,933	(4)	(4)	(4)	(4)	(4)	(4)
Tranquilizers:								
Production				657	1,434	1,164	1,403	1,336
Sales				9,462	1,150	988	1,018	1,122
Value				9,2,219	4,750	4,035	3,419	3,552
Vitamins: ¹⁰								
Production	2,945	3,455	6,139	9,763	10,845	11,063	12,560	12,355
Sales	2,516	2,981	5,131	6,920	7,271	7,995	9,967	9,280
Value	48,933	58,714	82,811	78,110	73,741	68,684	75,958	67,964

¹ Production, 1959 through 1961, and sales and value, 1958 through 1961, exclude alicyclic and heterocyclic compounds.

² Excludes benzoid compounds.

³ Includes barbituric acid fn 1958 and 1959; excludes small amounts of benzenoid barbiturates in 1962.

⁴ Withheld to avoid disclosing figures for individual producers.

⁵ Includes most, but not all choline salts.

⁶ For human or veterinary use only through 1961. Sales include both diluted and undiluted forms.

⁷ Derivatives only.

⁸ Excludes derivatives.

⁹ Excludes benzoid, alicyclic, and heterocyclic compounds.

¹⁰ Excludes K vitamins through 1961.

Chemicals—Explosives

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No. 1145. SYNTHETIC ORGANIC CHEMICALS—PRODUCTION AND SALES, BY GROUP: 1960 TO 1962

[Production and sales in millions of pounds; sales value in millions of dollars. Excludes Alaska and Hawaii.]

GROUP	1960			1961			1962		
	Production	Sales	Sales value	Production	Sales	Sales value	Production	Sales	Sales value
Synthetic organic chemicals	53,952	28,760	6,662	56,183	31,012	7,147	64,170	34,628	7,490
Cyclic									
Intermediates	17,818	10,735	3,237	18,679	11,183	3,304	20,690	12,253	3,472
Dyes	9,602	3,964	622	10,276	4,108	621	11,400	4,572	632
Synthetic organic pigments	156	148	192	167	158	213	189	178	227
Medicinal chemicals	40	33	64	35	29	66	37	32	74
Flavor and perfume materials	77	55	521	81	61	541	88	68	567
Plastics and resin materials	33	26	37	37	29	40	43	32	47
Rubber-processing chemicals	2,716	2,228	628	2,829	2,349	634	3,159	2,685	666
Elastomers (synthetic rubbers)	170	130	85	174	135	89	196	148	97
Plasticizers	2,283	1,949	469	2,118	1,912	482	2,263	1,907	465
Surface-active agents	445	384	103	474	406	106	571	486	104
Pesticides and other organic agricultural chemicals	977	927	147	1,150	1,086	149	1,302	1,221	163
Miscellaneous	525	455	203	572	484	238	585	497	271
Acyclic	793	435	165	769	431	146	858	429	159
Medicinal chemicals	36,134	18,026	3,425	37,504	19,829	3,843	43,480	22,375	4,018
Flavor and perfume materials	37	33	35	37	31	36	40	35	33
Plastics and resin materials	22	21	23	27	26	28	33	31	29
Rubber-processing chemicals	3,427	3,119	1,025	3,881	3,640	1,077	4,782	4,430	1,218
Elastomers (synthetic rubbers)	29	22	16	31	21	15	33	24	17
Plasticizers	669	602	229	689	653	255	871	823	310
Surface-active agents	157	116	45	156	130	48	210	180	64
Pesticides and other organic agricultural chemicals	555	472	131	580	498	142	647	537	155
Miscellaneous	122	115	59	128	128	65	145	137	75
	31,115	13,525	1,861	31,975	14,702	2,176	36,719	16,177	2,117

Source: U. S. Tariff Commission; annual report, *Synthetic Organic Chemicals, U. S. Production and Sales*.

No. 1146. INDUSTRIAL EXPLOSIVES SOLD FOR CONSUMPTION IN THE UNITED STATES: 1930 TO 1962

[In thousands of pounds. Includes Alaska and, beginning 1959, Hawaii. Excludes exports]

YEAR	Total ¹	Permissible explosives ²	High explosives other than permissible	Black blasting powder	USE	Total	Permissible explosives ²	High explosives other than permissible ³	Black blasting powder
1930	445,000	53,826	201,391	99,873	Coal mining	1 414,696	72,522	339,173	766
1935	308,381	39,170	200,324	68,888	Metal mining	234,155	58	234,097	-----
1940	423,369	58,436	305,180	59,753	Quarrying and non-metal mining	265,479	445	267,478	556
1945	457,311	97,407	322,956	36,948	Railway and other construction work	209,794	109	209,638	43
1950	719,841	109,420	575,962	20,655	Selsmograph	65,134	3	65,129	2
1952	764,718	95,460	636,741	10,602	All other purposes	11,362	302	10,911	149
1955	790,811	89,870	668,952	9,515					
1954	715,955	75,863	612,054	10,297					
1955	805,878	93,718	687,226	6,624					
1956	1,026,780	104,934	898,524	5,598	Coal mining	1 437,896	71,646	363,266	740
1957	1,034,631	104,522	912,589	3,684	Metal mining	245,186	39	245,147	1
1958	961,597	84,085	864,117	2,492	Quarrying and non-metal mining	287,609	532	286,749	329
1959	1,048,576	83,520	955,916	2,333	Railway and other construction work	273,411	247	273,091	73
1960	1,172,998	80,377	1,089,216	1,537	Selsmograph	54,293	21	54,270	2
1961	1,203,621	73,439	1,126,427	1,521	All other purposes	14,011	400	13,534	77
1962	1,312,406	72,884	1,236,056	1,222					

¹ Beginning 1950, totals include sales of liquid oxygen explosive. For 1961 and 1962, such sales amounted to 2,235,000 and 2,243,000 pounds, respectively, all for use in coal mining.

² Represents type of high explosives approved by Bureau of Mines as suitable for safe use in coal mines provided specifications of use are followed.

³ Includes drilled and/or grained ammonium nitrate blasting agents, both the completely processed variety and the not further processed.

Source: Dept. of the Interior, Bureau of Mines; *Consumption of Industrial Explosives*.

Manufactures

No. 1147. ASPHALT AND TAR ROOFING AND SIDING PRODUCTS—SHIPMENTS:
1950 TO 1963

[In thousands of squares, except as noted. Beginning 1960, includes Alaska and Hawaii]

PRODUCT	1950	1955	1959	1960	1961	1962	1963
Asphalt roofing	65,024	62,582	59,527	59,959	61,807	64,404	64,466
Smooth-surfaced	14,377	11,502	8,929	8,919	8,897	9,797	11,145
Mineral-surfaced	14,116	12,902	12,229	12,835	12,572	13,163	12,064
Strip shingles	32,109	33,915	33,772	33,811	35,497	36,627	36,078
Self-sealing	n.a.	n.a.	n.a.	n.a.	7,526	9,000	9,730
Standard or regular	n.a.	n.a.	n.a.	n.a.	27,971	27,627	26,348
Individual shingles	4,422	4,263	4,597	4,393	4,841	4,817	4,279
Asphalt sidings	2,009	1,288	935	872	854	799	797
Roll form	1,659	1,066	772	734	737	709	713
Shingle form	350	223	163	138	117	90	84
Insulated siding, all types and finishes	2,402	2,195	1,519	1,131	1,015	926	842
Saturated felts	1,000 short tons	721	1,039	1,027	983	926	990
Asphalt	621	905	937	898	857	924	940
Tar	100	134	90	85	69	66	50
Saturated and coated sheathings—short tons	12,025	9,723	18,212	11,859	12,996	11,436	11,997

n.a. Not available.

Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M29A.No. 1148. PRESSED AND BLOWN GLASSWARE—VALUE OF SHIPMENTS, BY CLASS:
1954 TO 1963

[In thousands of dollars. Beginning 1961, includes Alaska and Hawaii. Comprises products manufactured from glass produced in reporting establishment]

CLASS	1954	1958	1960	1961	1962	1963
Total value	379,754	386,048	478,782	482,799	502,979	539,094
Table, kitchen, art, and novelty glassware	123,478	149,006	188,534	193,440	195,669	216,226
Machine-made:						
Tumblers, goblets, and other stemware	43,523	50,887	53,950	55,470	58,833	63,721
Tableware	24,118	27,401	30,558	34,942	32,866	30,184
Kitchenware and cookingware						
Ornamental, decorative, novelty glassware and smokers' accessories	55,842	70,718	70,423	13,914	12,347	13,303
Handmade				33,603	32,945	31,623
Lighting and electronic glassware	162,390	143,286	169,804	171,801	198,221	210,261
Bowls and enclosing globes (all types), shades, reflectors, and torcheres ¹	16,185	16,756	16,998	17,962	20,494	21,673
Electric-light bulb and electronic tube blanks						
Tubing, cane, and other glass parts for elec- tronic tubes and devices and electric light bulbs	127,400	109,023	131,454	153,839	177,727	188,588
Television tube blanks and parts						
All other lighting and electronic glassware ²	18,805	17,507	21,442			
All other pressed and blown glassware	93,886	93,756	120,354	117,558	109,089	112,607
Scientific and laboratory glassware	23,785	24,465	30,115	33,488	35,417	49,092
Industrial glassware	16,369	14,825	18,262	21,930	23,006	24,218
Ophthalmic and optical instrument lens blanks and sunglasses, eye protective, auto- motive, lantern, and searchlight lenses						
Other pressed and blown glassware, not else- where classified	53,732	54,466	71,977	62,740	20,691	19,950
					29,975	19,347

¹ Includes lantern globes (oil and electric), lamp chimneys, and lamp parts.² Beginning 1962, includes "automotive, lantern, and searchlight lenses", previously included in "Ophthalmic and optical instrument lens blanks and sunglasses, etc."³ Includes "all other technical glassware (including insulators), except lighting and electronic glassware," previously included in "Other pressed and blown glassware, not elsewhere classified."⁴ Includes tubing, rods, and canes, all types (except electrical and electronic).Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M32E.

Refractories—Clay Products

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No. 1149. REFRactories—SHIPMENTS: 1961 TO 1963
 [Includes Alaska and Hawaii]

PRODUCT	UNIT	1961		1962		1963	
		Quantity	Value (\$1,000)	Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
Clay refractories							
Fire clay brick, standard and special shapes	M 9" equiv.	341,200	62,519	341,227	61,356	354,908	63,445
High-alumina brick and shapes	M 9" equiv.	23,346	10,851	28,539	12,998	32,596	15,373
Insulating firebrick and shapes	M 9" equiv.	39,412	9,834	42,852	10,823	44,243	11,330
Ladle brick	M 9" equiv.	187,404	20,925	177,827	19,379	186,174	20,761
Sleeves, nozzles, runner brick and tuyeres	M 9" equiv.	32,563	6,814	38,365	8,174	42,457	9,361
Hot top refractories	Short tons	73,684	5,142	61,164	4,171	61,634	4,431
Glass-house pots, tank blocks, feeder parts, and upper structure shapes used only for glass tanks	Short tons	15,681	4,943	13,402	4,151	13,563	4,395
Refractory bonding mortars ¹	Short tons	58,202	6,649	59,158	6,554	63,656	7,402
Plastic refractories and ramming mixes ²	Short tons	138,373	11,407	143,750	11,977	184,843	13,641
Castable refractories (hydraulic setting)	Short tons	126,402	13,210	119,671	12,420	139,561	14,422
Ground crude fire clay, high alumina clay, and silica fire clay ³	Short tons	428,270	4,103	379,742	3,545	315,080	3,183
Other clay refractories			10,231		10,517		11,844
Nonclay refractories							
Silica brick and shapes	M 9" equiv.	145,027	29,643	119,161	23,497	118,920	22,414
Magnesite and magnesite-chrome brick and shapes	M 9" equiv.	61,650	52,090	65,485	56,187	77,422	68,344
Chrome and chrome-magnesite brick and shapes	M 9" equiv.	41,248	32,367	33,775	26,387	35,292	27,905
Graphite refractories	Short tons	11,939	8,865	12,493	9,851	13,026	10,079
Mullite brick and shapes	M 9" equiv.	4,634	5,768	4,062	6,096	6,073	7,057
Extra-high alumina brick and shapes	M 9" equiv.	3,230	5,580	3,366	5,783	3,173	5,661
Silicon carbide brick and shapes	M 9" equiv.	3,780	8,781	4,205	10,088	4,115	9,643
Zircon and zirconia brick and shapes	M 9" equiv.	844	3,386	858	3,558	953	3,866
Forsterite, pyrophyllite, molten-cast, and other nonclay brick and shapes			21,685		23,874		30,220
Refractory bonding mortars	Short tons	160,055	15,791	156,791	15,289	218,999	19,855
Plastic refractories and ramming mixes	Short tons	168,665	22,463	165,850	19,769	197,109	22,074
Refractory castables (hydraulic setting)	Short tons	12,362	1,752	28,110	2,780	13,255	2,061
Dead-burned magnesia or magnesite ³	Short tons	155,307	9,615	173,420	10,548	198,002	12,947
Other nonclay refractory materials sold in lump or ground form ^{3,4}	Short tons	183,919	17,947	189,924	18,240	232,953	21,220

¹ 50% Al₂O₃ and over. Excludes data for mullite or extra-high alumina, included under nonclay refractories.

² Bonding mortars containing more than 60% Al₂O₃ dry basis included under nonclay refractories.

³ Represents only shipments by establishments classified in "manufacturing" industries and excludes shipments to refractory producers for manufacture of brick and other refractories.

⁴ Includes gunning mixes and carbon refractories.

Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M32C.

No. 1150. STRUCTURAL CLAY PRODUCTS—PRODUCTION AND SHIPMENTS, BY KIND: 1950 TO 1963

[Beginning 1962, includes Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1957*, series P 212, for production of brick]

PRODUCT	1950	1955	1960	1961	1962	1963
Brick (building or common and face):						
Production	1,000,000 standard bricks	6,333	7,902	6,948	6,682	6,889
Shipments: Quantity	1,000,000 standard bricks	6,486	7,741	6,502	6,428	6,913
Value	\$1,000,000	164	238	224	225	247
Facing tile (structural), ceramic glazed, incl. glazed brick:						
Production	1,000,000 brick equivalent	n.a.	455	378	404	382
Shipments: Quantity	1,000,000 brick equivalent	n.a.	446	370	388	370
Value	\$1,000,000	n.a.	31	30	30	27
Facing tile (structural), unglazed and salt glazed:						
Production	1,000,000 tiles	n.a.	26	14	18	11
Shipments: Quantity	1,000,000 tiles	n.a.	26	12	12	9
Value	\$1,000,000	n.a.	4	3	2	2
Structural clay tile, except facing:						
Production	1,000 short tons	1,294	935	496	479	439
Shipments: Quantity	1,000 short tons	1,317	929	488	476	428
Value	\$1,000,000	15	12	8	7	6
Vitrified clay sewer pipe and fittings:						
Production	1,000 short tons	1,549	2,112	1,955	1,831	1,680
Shipments: Quantity	1,000 short tons	1,568	2,056	1,855	1,749	1,714
Value	\$1,000,000	53	84	95	90	89
Clay floor and wall tile and accessories, incl. quarry tile:						
Production	1,000,000 square feet	125	283	242	229	258
Shipments: Quantity	1,000,000 square feet	127	233	228	253	266
Value	\$1,000,000	62	128	130	124	136

n.a. Not available.

Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M32D.

No. 1151. PIG IRON AND FERROALLOYS—CAPACITY, PRODUCTION, AND MATERIALS USED: 1940 TO 1963

[In thousands of short tons, except number of furnaces. See *Historical Statistics, Colonial Times to 1957*, series P 233, for blast furnace capacity]

ITEM	1940	1945	1950	1955	1960	1961	1962	1963
Blast furnaces, total number, Jan. 1	232	243	248	261	263	260	259	247
Number in blast, Jan. 1	195	218	218	206	220	114	172	138
Blast furnace capacity ¹	55,724	67,814	71,560	83,971	98,521	n.a.	n.a.	n.a.
Blast furnace production	46,979	54,166	65,440	77,790	67,320	65,295	66,291	72,375
Percent of capacity	84.3	80.5	91.4	92.6	69.7	n.a.	n.a.	n.a.
Pig iron	46,072	53,223	64,587	76,857	66,481	64,631	65,641	71,844
Ferroalloys	907	943	853	932	839	664	650	531
Electric furnace production, ferroalloys	419	753	961	1,474	1,246	1,270	1,304	1,340
Total production²	47,399	54,919	66,400	79,264	68,566	66,565	67,595	73,715
Basic	33,988	39,807	49,880	62,485	58,281	58,150	58,806	64,950
Bessemer and low-phosphorus	7,835	8,570	8,426	7,699	3,791	2,777	2,997	2,957
Foundry (incl. ferrosilicon and silvery pig iron)	2,791	3,067	3,646	3,558	2,152	1,896	1,975	2,086
Malleable	1,832	2,350	3,181	3,531	2,678	2,103	2,154	2,187
Ferromanganese and spiegeleisen	747	706	777	955	878	783	802	879
All other	206	360	490	1,035	811	856	861	856
Materials used: ³								
Iron and manganese ore and agglomerated products	79,672	91,276	112,156	127,753	104,608	101,908	102,238	109,925
Mill cinder, scrap, scale, etc.	7,480	9,749	10,731	15,210	9,034	8,659	9,035	9,865
Coke	40,451	48,965	59,549	67,061	49,772	45,728	45,259	48,067
Limestone, dolomite, etc.	16,678	20,863	27,708	29,744	15,868	13,546	12,773	14,005

n.a. Not available.

¹ Annual capacity as of Jan. 1.

² Average annual capacity as of Jan. 1 and July 1.

³ Includes ferroalloys produced in electric furnaces.

⁴ Materials consumed in manufacture of pig iron only.

Source: American Iron and Steel Institute, New York, N.Y.; *Annual Statistical Report*.

No. 1152. PIG IRON AND FERROALLOYS—PRODUCTION, BY STATES: 1945 TO 1963

[In thousands of short tons]

STATE	1945	1950	1955	1960	1961	1962	1963
Total	54,919	66,400	79,264	68,566	66,565	67,595	73,715
Pig iron							
New York ¹	53,223	64,587	76,857	66,481	64,631	65,641	71,844
Pennsylvania	3,295	4,302	5,144	4,205	3,761	3,915	4,273
Maryland, West Virginia	16,171	18,240	20,844	16,533	15,205	15,728	17,287
Kentucky, Tennessee, Texas	3,519	5,203	6,094	7,987	8,108	8,114	8,701
Alabama	808	1,460	1,713	3,541	3,533	3,628	3,908
Ohio	3,582	4,347	4,924	3,735	4,422	3,707	4,036
Indiana	11,259	12,510	15,370	11,788	10,994	11,625	12,783
Illinois	5,982	7,018	8,717	8,404	8,877	8,776	9,024
Michigan, Minnesota	5,045	6,024	6,489	5,307	4,726	4,716	4,476
Colorado, Utah, California	1,921	2,830	4,002	4,981	5,005	5,432	6,451
Ferroalloys							
New York, New Jersey	1,696	1,813	2,406	2,085	1,934	1,954	1,871
Pennsylvania	449	392	309	152	108	98	115
Virginia, West Virginia, South Carolina	573	554	500	510	445	500	420
Tennessee	171	287	464	345	418	359	316
Alabama	66	60	3,561	3,735	4,422	3,707	4,036
Ohio	85	59	114	(2)	(2)	(2)	(2)
Other States	204	198	547	658	526	578	620
	148	264	383	419	438	413	400

¹ Includes Massachusetts through 1955.

² Included in "Other States."

Source: American Iron and Steel Institute, New York, N.Y.; *Annual Statistical Report*.

No. 1153. IRON AND STEEL PRODUCTS—PRODUCTION, BY KIND: 1930 TO 1963

[In thousands of short tons. See *Historical Statistics, Colonial Times to 1957*, series P 208 and P 210-211, for production in long tons for selected items]

KIND	1930	1940	1950	1955	1960	1962	1963
Hot-rolled products.	33,055	48,660	75,191	90,658	76,446	74,998	81,851
Plates.....	4,102	4,323	7,386	8,191	7,449	7,187	8,182
Sheets.....	3,933	11,706	22,693	31,517	20,815	30,367	33,795
Black plate.....	2,120	522	153				
Strip.....	2,175	2,078	3,904	3,684	11,549	1,469	1,467
Coils for cold reduced black plate and tin plate.....	n.a.	3,104	5,991	7,579	7,957	6,924	7,201
Hoops.....	89	97	37	16	11	9	(1)
Cotton ties and baling bands.....	52	45	49	64	(1)	(1)	(1)
Bars—merchant.....	4,628	6,459	9,353	10,123	7,752	7,857	8,410
Bars—concrete reinforcement.....	952	1,426	1,833	2,393	2,358	2,381	2,849
Bars—light shapes.....	562	877	1,063	1,264	1,040	902	895
Structural shapes—heavy.....	3,372	3,355	4,379	5,072	5,085	4,376	4,961
Steel piling.....	118	186	243	303	286	378	417
Rails.....	2,098	1,679	1,850	1,227	711	544	531
Joint bars and tie plate bars.....	679	516	656	473	172	133	171
Skelp.....	3,004	2,700	4,164	5,144	3,193	3,052	3,012
Banks or pierced billets.....	1,398	2,321	4,031	4,891	3,546	3,555	3,618
Wire rods.....	2,630	4,352	5,820	6,098	4,265	4,435	4,627
Rolled forging billets.....	341	920	1,215	1,959	927	{ 970	{ 1,080
Blooms, billets, etc., for export.....	11	1,678	11	242		102	195
Car wheels (rolled steel).....		191	280	316	240	232	258
All other.....	790	{ 116	101	101	92	176	173
Miscellaneous products:							
Tin plate and terne plate.....	1,883	2,739	4,640	5,157	5,901	5,365	4,875
Galvanized sheets.....	1,171	1,695	2,274	2,875	3,102	3,585	4,058
Wire (plain).....	n.a.	3,072	4,855	4,787	3,263	3,376	3,306
Wire nails.....	478	649	876	653	347	304	315
Pipes and tubes (black).....	n.a.	4,273	9,310	10,039	7,638	7,054	7,226
Forgings made by rolling mills ^a	533	623	457	547	434	507	506
Cold finished bars.....	n.a.	801	1,745	2,074	1,562	1,484	1,556
Sheets (cold rolled).....	n.a.	3,630	10,433	16,855	16,479	15,322	16,993
Strip (cold rolled).....	n.a.	939	2,203	2,496	1,718	2,083	1,864
Galvanized pipe.....	441	708	1,103	1,101	649	562	587

^a n.a. Not available.

¹ Cotton ties, hoops, and baling bands included in strip.

² These are mostly further elaborations of products listed above.

³ Includes forged axles.

Source: American Iron and Steel Institute, New York, N.Y.; *Annual Statistical Report*.

No. 1154. IRON AND STEEL—WHOLESALE PRICE INDEXES: 1930 TO 1964

[1957-59=100. Includes Alaska and Hawaii]

YEAR	Iron and steel, total	STEEL MILL PRODUCTS			Pig iron and ferro-alloys	Iron ore	Scrap, iron and steel	Foundry and forge shop products
		Total	Finished	Semi-finished				
1930.....	35.4							
1935.....	34.4							
1940.....	37.7	36.7	37.3	31.5				
1945.....	39.3	37.9	38.5	32.9				
1950.....	66.9	62.9	63.1	60.7	69.8	69.9	101.0	67.6
1955.....	83.2	81.8	81.9	81.9	83.7	91.1	101.0	82.0
1958.....	99.9	100.6	100.6	100.7	101.8	100.1	100.5	100.3
1959.....	101.8	102.2	102.3	102.2	100.3	96.4	96.7	102.3
1960.....	100.6	102.1	102.1	102.0	96.3	97.1	79.9	103.1
1961.....	100.7	101.7	101.7	101.8	94.7	98.1	84.7	103.4
1962.....	99.3	101.4	101.4	101.8	91.1	93.9	69.0	103.6
1963.....	99.1	102.0	102.0	102.3	82.1	93.1	66.5	103.6
March.....	98.4	101.1	101.1	101.8	81.0	93.2	66.6	103.6
1964, March (prel.).....	100.2	103.2	103.1	103.8	79.1	90.5	70.8	104.2

Source: Dept. of Labor, Bureau of Labor Statistics; unpublished data.

No. 1155. STEEL—CAPACITY AND PRODUCTION OF INGOTS AND STEEL FOR CASTINGS: 1930 TO 1963

[In thousands of short tons, except percent. Excludes foundries which normally produce steel only for castings. See *Historical Statistics, Colonial Times to 1957*, series P 203-207, for production in long tons, and P 234, for capacity.]

YEAR	Capac- ity (Jan. 1)	PRODUCTION				YEAR	Capac- ity (Jan. 1)	PRODUCTION			
		Total	Index (1957- 59=100)	Percent of capacity	Open hearth			Total	Index (1957- 59=100)	Percent of capacity	Open hearth
1930	71,042	44,501	45.9	62.8	38,587	1955	125,828	117,036	120.5	93.0	105,350
1935	78,452	38,184	39.3	48.7	34,401	1956	128,363	115,216	118.3	89.8	102,841
1940	81,619	66,983	68.8	82.1	61,573	1957	133,459	112,715	116.0	84.5	101,658
1945	95,505	79,702	82.0	83.5	71,940	1958	140,743	85,255	87.8	60.6	75,879
1946	91,891	66,603	68.6	72.5	60,712	1959	147,634	93,446	96.2	82.3	81,669
1947	91,241	84,894	87.4	93.0	76,874	1960	148,571	99,282	101.9	66.8	86,368
1948	94,233	88,640	91.0	94.1	79,340	1961	n.a.	98,014	100.9	n.a.	84,502
1949	96,121	77,978	80.3	81.1	70,249	1962	n.a.	98,328	101.2	n.a.	82,957
1950	109,983	96,836	99.7	96.9	86,263	1963	n.a.	109,261	112.5	n.a.	88,834

n.a. Not available.

¹ Average of Jan. 1 and July 1.

Source: American Iron and Steel Institute, New York, N.Y.; *Annual Statistical Report*.

No. 1156. STEEL PRODUCTS—SHIPMENTS, BY MARKET CLASSES: 1940 TO 1963

[In thousands of short tons. Comprises carbon, alloy, and stainless steel]

MARKET CLASSES	1940	1945	1950	1955	1960	1962	1963
Total	45,851	57,242	72,232	84,717	71,149	70,552	75,555
Steel for converting and processing ¹	1,646	2,706	3,900	3,753	2,928	2,311	2,612
Forgings, except automotive ²	435	1,418	1,082	1,266	841	865	899
Bolts, nuts, rivets, and screws	708	1,083	1,410	1,475	1,072	1,094	1,160
Steel service centers and distributors	6,687	9,571	13,360	15,758	12,480	12,269	13,149
Oil and gas supply houses	654	667	1,684	2,196	1,125	1,503	1,522
Other	6,033	8,904	11,676	13,562	11,355	10,768	11,627
Construction, including maintenance	5,959	6,080	8,602	9,682	9,664	9,315	10,051
Rail transportation	150	66	124	75	51	(3)	(8)
Oil and gas	991	1,396	3,039	2,448	2,166	2,007	1,859
Other	4,818	4,598	5,439	7,159	7,447	7,308	8,192
Contractors' products	(4)	(4)	3,075	3,982	3,602	4,162	4,339
Automotive	7,325	4,071	14,472	18,722	14,610	15,181	16,889
Vehicles, parts, etc.	7,185	3,774	13,023	18,203	14,194	14,669	16,339
Forgings	140	297	549	519	416	612	550
Rail transportation	3,777	5,121	4,299	3,521	2,525	2,029	2,563
Railroad rails, trackwork, and equipment	1,202	1,451	2,222	1,580	723	549	617
Freight cars, passenger cars, and locomotives	2,575	3,670	2,029	1,901	1,763	1,450	1,915
Street railways and rapid transit systems	940	2,719	327	601	622	679	712
Shipbuilding and marine equipment	48	301	52	97	78	86	77
Aircraft ³	(4)	(4)	620	793	404	344	265
Oil and gas drilling	141	210	289	269	288	263	284
Mining, quarrying, and lumbering	920	1,120	1,538	1,337	1,003	1,121	1,295
Agricultural	n.a.	n.a.	1,298	1,112	765	859	952
Agricultural machinery	n.a.	n.a.	240	225	238	262	273
Other	1,108	1,607	3,474	4,699	3,958	4,193	4,498
Machinery, industrial equipment, and tools	777	819	1,837	2,292	2,078	2,157	2,285
Electrical machinery and equipment	950	675	2,088	2,199	1,760	1,866	2,010
Appliances, utensils, and cutlery	1,210	1,433	1,804	2,189	1,959	1,922	1,892
Other domestic and commercial equipment	2,985	4,333	5,911	6,723	6,429	6,720	6,464
Containers, packaging and shipping materials	n.a.	n.a.	4,339	4,947	4,976	5,327	5,101
Cans and closures	n.a.	n.a.	925	983	842	816	818
Barrels, drums, and shipping pails	n.a.	n.a.	647	793	611	577	545
Other	n.a.	n.a.	5,509	195	857	165	249
Ordnance and other military	8,099	3,793	2,567	3,583	2,563	1,652	1,831
Exports ⁴	2,135	4,693	1,330	919	2,120	2,074	2,032

n.a. Not available.

¹ Net total after deducting shipments to reporting companies for conversion or resale.

² Aircraft forgings shipped to independent forgers included in "Forgings, except automotive" prior to April 1959; included in "Aircraft" thereafter.

³ Included in "Construction, including maintenance; Other."

⁴ Included in "Construction, including maintenance," ⁵ Reporting companies only.

Source: American Iron and Steel Institute, New York, N.Y.; *Annual Statistical Report*.

No. 1157. IRON AND STEEL—AGGREGATE EXPORTS OF SELECTED ITEMS: 1900 TO 1963

[Quantities in thousands of short tons; values in thousands of dollars. Includes exports of Alaska, Hawaii, and Puerto Rico to foreign countries. Includes ferromanganese. Beginning 1925, excludes steam and hot water heating boilers and radiators. Value figures through 1920 exclude, and those beginning 1925 include, data for small items for which quantity figures are not available. Includes shipments under foreign aid programs; beginning 1948 also includes civilian supply shipments]

YEAR	Quantity	Value	YEAR	Quantity	Value	YEAR	Quantity	Value
1900	1,292	42,518	1945	5,203	461,147	1955	1,9723	979,357
1905	1,131	33,813	1947	6,994	830,655	1956	11,574	1,281,444
1910	1,723	63,436	1948	4,885	659,779	1957	13,657	1,622,570
1915	3,057	140,903	1949	5,146	714,780	1958	6,328	1,046,410
1920	5,527	458,376	1950	3,248	465,141	1959	7,009	884,735
1925	1,974	144,262	1951	3,783	612,236	1960	11,493	1,186,585
1930	2,220	139,089	1952	1,4,854	771,442	1961	12,452	1,140,938
1935	3,431	88,414	1953	1,3,711	640,159	1962	17,597	946,908
1940	11,876	524,426	1954	1,4,826	653,468	1963	9,203	1,048,472

¹ Excludes figures for wire cloth and articles not reported.

Source: Dept. of Commerce, Bureau of the Census; prior to 1947, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and unpublished data.

No. 1158. COPPER-BASE MILL AND FOUNDRY PRODUCTS—SHIPMENTS: 1950 TO 1963

[In millions of pounds, metal weight. Excludes Alaska and Hawaii]

TYPE OF PRODUCT	1950	1955	1958	1959	1960	1961	1962	1963 (prel.)
Total	5,037	5,130	4,042	4,813	4,298	4,510	4,956	5,184
Brass mill products	2,554	2,532	1,700	2,221	1,878	2,068	2,357	2,465
Alloyed ¹	1,663	1,644	1,127	1,392	1,128	1,220	1,353	1,372
Unalloyed	890	888	663	829	750	848	1,004	1,093
Copper wire mill products ²	1,427	1,556	1,415	1,585	1,521	1,554	1,636	1,711
Brass and bronze foundry products	1,057	999	805	962	862	848	916	957
Copper-base powder mill products	n.a.	43	33	45	39	40	47	51

n.a. Not available.

¹ Excludes webbing scrap generated in production of military ammunition cups and discs.

² Copper content.

Source: Dept. of Commerce, Bureau of the Census and Business and Defense Services Administration; *Copper Industry Report*, 1963, and *Current Industrial Reports*, Series BDSAF-84(63)-4.

No. 1159. ALUMINUM AND MAGNESIUM MILL PRODUCTS—NET SHIPMENTS: 1950 TO 1963

[In millions of pounds. Beginning 1961, includes Alaska and Hawaii. Producers' net shipments consist of total shipments less shipments to other metal mills for further fabrication into other forms of mill products]

ITEM	1950	1955	1959	1960	1961	1962	1963 (prel.)
Aluminum mill products	1,713	2,792	3,386	3,049	3,345	3,811	4,264
Plate, sheet, and foil	1,163	1,543	1,769	1,637	1,764	2,008	2,323
Rolled structural shapes, rod, bar and wire	1,270	368	447	392	455	521	542
Extruded shapes, and tubing	258	775	1,082	937	1,034	1,158	1,271
Powder, flake and paste	22	36	35	33	36	44	45
Forgings	(1)	70	54	50	56	79	84
Magnesium mill products	13	21	22	21	21	24	22

¹ forgings included with rolled rod and bar.

Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M33-2.

No. 1160. FERROUS CASTINGS—SHIPMENTS AND UNFILLED ORDERS: 1950 TO 1963

[In thousands of short tons. Beginning 1961, includes Alaska and Hawaii. Gray iron castings, except 1950, are based on a sample of foundries; all other data on a complete count]

ITEM	1950	1955	1959	1960	1961	1962	1963
GRAY IRON CASTINGS							
Shipments ¹	13,725	14,838	12,308	11,594	10,824	11,553	12,764
Pressure pipe and fittings	1,215	1,687	1,441	1,336	1,384	1,351	1,677
Soil pipe and fittings	795	870	862	782	834	888	913
All other gray iron castings	11,715	12,281	10,005	9,476	8,606	9,313	10,174
Unfilled orders, Dec. 31 ²	2,142	1,075	847	553	672	693	719
Pressure pipe and fittings	617	277	178	146	172	205	201
Soil pipe and fittings	208	27	17	16	14	12	11
All other gray iron castings	1,317	771	652	391	485	476	507
MALLEABLE IRON CASTINGS							
Shipments	942	1,105	916	821	723	868	933
For sale	537	653	557	467	428	{}	933
For own use	405	452	359	354	295		
Standard malleable			730	632	554	643	691
Pearlitic malleable			186	189	160	225	242
Unfilled orders, Dec. 31 ²	222	123	94	55	66	82	88
Standard malleable			71	41	50	59	68
Pearlitic malleable			23	13	17	22	19
STEEL CASTINGS							
Shipments ¹	1,481	1,531	1,413	1,392	1,217	1,423	1,504
Carbon	1,130	1,088	1,044	1,016	848	965	1,030
Alloy	351	443	369	376	374	458	474
Unfilled orders, Dec. 31 ²	570	475	306	163	169	181	262
Carbon	476	364	257	125	112	127	200
Alloy	94	111	49	38	56	54	57

¹ Includes shipments "for own use."

² Unfilled orders "for sale" only. Excludes unfilled orders of captive plants.

Source: Dept. of Commerce, Bureau of the Census. Monthly data in *Current Industrial Reports*, Series M33A and M33-1.

No. 1161. NONFERROUS CASTINGS—SHIPMENTS AND UNFILLED ORDERS: 1950 TO 1963

[In thousands of pounds. Beginning 1960, includes Alaska and Hawaii. Shipments include "for own use." Unfilled orders are for the end of the year and comprise "for sale" only. Data for 1950 based on complete coverage; other years based on sample and subject to sampling variation; see text, pp. 767-769]

ITEM	1950	1955	1960	1961	1962 (prel.)	1963 (prel.)
Shipments, all types	2,215,588	2,663,031	2,201,127	2,132,532	2,432,337	2,518,934
Unfilled orders, all types	303,305	273,698	148,414	164,209	160,214	170,266
Copper and copper-base alloy:						
Shipments	1,056,973	1,008,898	759,658	730,004	768,717	811,213
Unfilled orders	73,940	57,241	21,914	22,658	23,305	23,308
Aluminum and aluminum-base alloy:						
Shipments	543,082	827,102	774,548	761,821	926,828	952,708
Unfilled orders	113,300	123,881	71,398	83,824	74,379	84,954
Zinc and zinc-base alloy:						
Shipments	579,332	778,000	622,713	601,044	692,540	707,864
Unfilled orders	106,885	86,120	51,516	53,338	59,087	58,599
Magnesium and magnesium-base alloy:						
Shipments	15,224	27,854	23,530	23,373	29,325	30,590
Unfilled orders	7,654	5,981	3,156	3,419	3,025	2,938
Lead and lead-base alloy die: ¹						
Shipments	20,977	21,117	20,678	15,600	14,927	16,469
Unfilled orders	1,526	475	430	450	418	467

¹ Excludes producers of lead die castings for battery plates and parts; they reported shipments of 146 million pounds in 1950.

Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M33E.

Home Appliances

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No. 1162. MANUFACTURERS' SALES AND RETAIL VALUE OF HOME APPLIANCES: 1950 TO 1963

[Includes Alaska and Hawaii. Compiled from reports of associations and manufacturers, and from Census Bureau surveys of manufactures. Sales include exports. Except as noted, covers electric appliances only.]

PRODUCT	SALES (1,000 UNITS)					RETAIL VALUE (\$1,000,000)				
	1950	1955	1960	1962	1963	1950	1955	1960	1962	1963
Home laundry										
Dryers, clothes	4,591	5,788	4,775	5,259	5,648	855	1,341	1,148	1,183	1,251
Electric	319	1,397	1,280	1,420	1,500	70	309	261	276	302
Gas	251	1,028	818	935	1,052	53	217	160	173	190
Washing machines	68	269	442	485	538	17	92	102	103	112
Automatic and semi-automatic	4,273	4,301	3,364	3,795	4,029	785	1,032	817	888	937
Wringer and spinner	1,046	3,123	2,601	3,040	3,293	423	945	697	772	827
Washer-drier combinations	2,626	1,268	763	755	736	361	187	120	116	110
			151	44	29			70	20	13
Other major appliances	15,848	13,697	12,526	13,869	14,829	2,557	2,812	2,665	2,658	2,834
Dishwashers	230	295	555	720	880	67	90	142	174	212
Food waste disposers	320	520	760	890	1,090	43	60	61	67	80
Freezers	890	1,100	1,045	1,070	1,090	289	440	308	284	278
Ranges, electric	1,830	1,600	1,495	1,675	1,870	425	424	412	433	480
Ranges, gas	3,023	2,334	1,814	1,963	2,079		223	271	313	336
Refrigerators, electric	6,200	4,200	3,475	3,773	4,125	1,602	1,323	1,129	1,088	1,148
Water heaters, electric	990	900	715	900	990	131	104	75	74	79
Water heaters, gas	2,365	2,748	2,666	2,878	2,705		149	267	230	222
Electric housewares	32,234	40,095	43,652	59,463	66,595	733	889	954	1,138	1,244
Bed coverings	800	1,460	3,335	4,725	5,500	32	45	77	87	99
Can openers, and can opener-knife sharpeners			1,200	2,375	3,000			28	34	43
Clocks	8,100	7,200	8,300	9,828	10,790	54	50	58	81	86
Coffee makers, automatic	900	3,675	4,695	5,600	6,500	25	72	94	104	121
Corn poppers			780	1,100	1,000		4	4	6	5
Fryers, and frypan-skillets	1,500	4,585	2,745	2,416	2,100	1,12	84	49	42	40
Griddles, automatic			275	275	230			6	5	5
Hair dryers, with bonnets										
Heating pads	1,725	1,980	2,575	2,900	3,075	12	12	15	16	155
Hotplates	1,160	650	565	690	750	9	7	5	7	8
Irons	6,880	7,930	6,410	8,410	9,000	98	113	92	119	127
Steam	1,645	4,985	4,440	6,200	7,000	30	84	73	99	108
Other	5,235	2,935	1,970	2,210	2,000	68	29	19	20	19
Mixers, food, and blenders	2,070	3,645	3,700	4,355	4,483	78	118	89	91	90
Polishers, floor	240	375	1,024	1,014	1,045	14	20	44	41	42
Sharpeners, knife			565	420	376			8	6	5
Toasters, automatic	3,795	3,250	3,345	3,795	3,955	76	59	60	60	62
Vacuum cleaners	3,529	3,270	3,313	3,712	4,241	280	286	311	306	324
Waffle irons and sandwich grills	2,535	995	825	848	850	43	19	16	17	17
Heating and cooling	4,551	8,107	7,857	9,184	10,595	164	622	672	676	772
Air conditioners, room	201	1,276	1,580	1,580	1,945	63	383	435	411	492
Dehumidifiers	45	96	375	365	220	6	12	40	35	18
Fans	3,220	5,585	4,672	5,647	6,590	79	203	170	195	223
Desk and bracket	2,450	2,525	1,200	1,050	1,000	42	50	23	19	17
Kitchen exhaust, built-in	495	860	1,020	1,122	1,250	18	30	31	30	29
Range hood			610	1,215	1,600			34	70	86
Window ventilating	1,645	1,337	1,500	1,900			82	57	45	56
Other	275	555	505	760	840	19	41	26	31	35
Heaters	1,115	1,150	1,230	1,392	1,840	15	24	27	35	39
Fan-forced and fan htr. portable	1,115	880	945	1,165	1,400	{	17	21	27	28
Non-fan-forced portable	1,115	270	285	427	440	15	6	6	8	11
Consumer electronics	17,313	18,013	21,426	24,057	23,390	2,669		2,266	2,407	2,447
Phonographs, total			2,627	4,523	4,954	5,255		608	722	707
Phonographs			2,234	3,681	3,661	3,760		368	340	325
Phone-radio combinations			393	842	1,294	1,495		240	381	472
Radio, production	9,849	7,269	10,695	11,912	10,291	434	233	314	332	281
Table and clock radios	28,175	5,242	6,160	6,206	5,722	2,383	162	155	166	153
Portable radios	1,675	2,028	4,535	5,706	4,569	51	71	159	166	128
Television, production	7,464	7,757	5,708	6,471	7,016	2,235	1,745	1,269	1,245	1,245
Table-portable	2,942	4,440	3,274	4,336	4,806			589	705	711
Console	3,820	3,200	2,211	1,844	1,894			579	424	407
Phone-combinations	702	117	223	291	316			101	116	126
Recorders, tape			360	500	720	828	54	75	108	124
Other appliances:										
Lawn mowers, power	1,080	2,750	3,800	4,000	3,900	100	237	285	280	
Water softeners				288	331			86		104
Lamp bulbs and tubes ⁸	2,007	2,479	2,921	3,202	3,302	466	724	1,110	1,240	1,287
Fluorescent	88	95	132	152	160	96	145	238	268	280
Large incandescent	934	1,009	1,170	1,246	1,247	205	300	465	523	525
Photo	229	525	517	618	645	37	79	97	115	125
Other	756	850	1,102	1,186	1,250	129	200	311	334	357

¹ Fryers only. ² Table radios only. ³ In millions of units.

No. 1163. ELECTRICAL MACHINERY AND RELATED PRODUCTS—VALUE OF SHIPMENTS: 1947 TO 1962

[In millions of dollars. Beginning 1950, includes Alaska and Hawaii. Figures for 1950 and 1955 are based on sample and subject to sampling variation; see Technical Note, p. 769. "N.e.c." means not elsewhere classified]

PRODUCT	1947	1950	1955	1958	1960	1961	1962
Carbon and graphite products	69	100	152	157	187	184	194
Electric lamps (bulbs)	192	243	337	394	490	485	503
Electrical appliances:							
Electric fans (except industrial type)	49	60	75	77	76	70	84
Household water heaters	60	64	49	57	50	49	52
Small household electric appliances (except fans) ¹	249	306	426	413	471	510	586
Household ranges and parts	132	218	224	204	240	242	261
Electrical equipment for internal combustion engines	337	487	700	604	772	760	849
Electrical hearing aids	17	23	32	40	49	50	48
Electrical measuring instruments	156	150	399	588	795	797	889
Electrical welding apparatus	108	110	212	233	283	253	286
Electronic tubes:							
Transmitting and industrial type tubes, except X-ray tubes	25	(2)	181	225	256	297	338
Radio and TV receiving-type tubes, except cathode ray	87	198	359	337	307	264	278
Cathode ray tubes (TV receiver type)	7	(2)	205	177	213	229	222
Motors and generators	856	888	1,342	1,201	1,486	1,444	1,530
Phonograph records	102	85	80	136	149	161	187
Primary batteries (dry and wet) including parts and supplies	78	95	121	136	153	171	197
Radios and related products:							
Household radio receivers, television sets, radio phonographs, phonographs, and record players	810	1,687	1,508	1,276	1,223	1,279	1,437
Commercial radio communications, radio navigation aids, and broadcast equipment	225	269	1,167	1,574	2,347	2,604	2,977
Electronic components and accessories, n.e.c. ²	349	697	1,061	1,481	2,103	2,348	2,758
Storage batteries	203	319	365	361	405	407	437
Switchgear and switchboard apparatus	361	332	662	891	898	838	893
Transformers	327	405	623	638	724	690	670
Wiring devices and supplies	376	492	698	851	939	1,011	1,142
X-ray and therapeutic apparatus ³	58	48	(2)	73	88	93	104

¹ Prior to 1958, includes dry shavers (electric razors) and soldering irons.

² Withheld because the estimate did not meet publication standards.

³ Prior to 1958, data exclude solid state semi-conductor devices, electron tube parts, and phonograph needles and include loudspeakers, speaker systems and horns, microphones, chassis for home-type radio and TV receivers, and connectors for electronic application.

⁴ Includes X-ray accessories and dental and industrial X-ray components and assemblies.

Source: Dept. of Commerce, Bureau of the Census: *Annual Survey of Manufactures*, U.S. *Census of Manufactures*: 1958, and *Current Industrial Reports*.

No. 1164. EXPORTS OF ELECTRIC HOME APPLIANCES—NUMBER: 1940 TO 1963

[In thousands. Includes exports of Alaska, Hawaii, and Puerto Rico to foreign countries. Includes shipments under foreign aid programs; beginning 1950, also includes civilian supply shipments]

PRODUCT	1940	1945	1950	1955	1959	1960	1961	1962	1963
Vacuum cleaners	10	1	20	69	129	103	104	88	89
Clocks	87	27	315	212	164	124	194	170	339
Irons	163	54	241	170	265	225	317	302	232
Radios and televisions	558	39	423	388	399	322	493	528	440
Refrigerators ¹	102	7	200	361	323	282	242	218	187
Washing machines	30	1	53	83	103	95	94	89	81
Ranges	7	1	6	34	13	10	9	9	71

¹ Includes home freezers in 1950; beginning 1955, includes farm and home freezers.

Source: Dept. of Commerce, Bureau of the Census; 1940 and 1945, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and unpublished data.

Machinery—Refrigeration Equipment

813

No. 1165. MACHINERY (EXCEPT ELECTRICAL)—VALUE OF SHIPMENTS: 1947 TO 1962

[In millions of dollars. Excludes Alaska and Hawaii. Figures for 1950 and 1955 based on sample and subject to sampling variation; see Technical Note, p. 769. "N.e.c." means not elsewhere classified]

CLASS OF PRODUCT	1947	1950	1955	1959	1960	1961	1962
Ball and roller bearings and components	353	450	674	905	836	800	938
Commercial laundry, dry-cleaning, and pressing machines ¹	93	77	87	124	120	127	135
Computing machines and cash registers ¹	302	350	582	1,044	1,324	1,436	1,593
Construction machinery, except tractors	932	974	1,456	1,568	1,451	1,440	1,582
Mining machinery				337	338	299	268
Conveyors	234	241	410	342	367	349	374
Metal cutting tools, jigs, fixtures, etc.	675	836	(2)	2,011	2,286	2,023	2,452
Domestic laundry equipment	434	532	733	802	695	660	693
Elevators and moving stairways ¹	96	102	131	187	205	196	232
Fabricated pipe and fittings made from purchased pipe	110	(2)	210	247	224	231	249
Farm machinery (except tractors)	844	1,052	1,128	1,594	1,449	1,456	1,582
Food-products machinery	335	324	383	436	462	461	501
Heat exchangers and steam condensers	53	77	124	151	146	155	127
Household mechanical refrigerators, incl. electric and gas	515	925	713	677	624	613	631
Industrial fans and blowers, including parts	130	130	274	247	269	274	280
Industrial furnaces and ovens	85	72	159	197	215	185	193
Industrial trucks, tractors, trailers, and stackers ¹	157	166	312	375	389	346	364
Internal combustion engines, exc. automotive and aircraft ²	617	n.a.	n.a.	1,319	1,215	1,121	1,324
Mechanical power-transmission equipment	420	464	700	739	711	718	804
Mechanical stokers ¹	36	19	16	n.a.	n.a.	11	10
Metal-forming machine tools	185	165	295	326	379	382	301
Office and store machines, n.e.c.	179	208	271	225	247	270	283
Oil and gas field machinery and tools, incl. drilling equipment	263	333	647	566	507	508	550
Paper-industries machinery ¹	135	115	207	300	348	334	370
Printing-trades machinery and equipment ¹	191	201	248	299	350	361	395
Pumps and compressors	520	504	924	1,072	1,107	1,084	1,147
Scales and balances ¹	51	53	67	75	66	66	70
Sewing machines ⁴	97	171	126	126	130	136	121
Small cutting tools for machine tools and metalworking machinery	205	232	369	371	401	385	467
Steam engines and turbines	119	223	380	640	623	585	552
Textile machinery	380	429	384	400	494	489	532
Tractors ¹	744	1,098	1,331	1,478	1,142	1,200	1,344
Typewriters ¹	140	130	164	208	209	210	247
Vacuum cleaners	151	167	176	162	161	157	174
Valves and fittings (except plumbing)	549	712	1,087	1,310	1,302	1,322	1,464
Woodworking machinery	151	137	185	187	176	171	203

n.a. Not available.

¹ Includes parts and attachments.

² Withheld because the estimate did not meet publication standards.

³ Represents shipments to other companies only.

⁴ Includes parts and attachments (except cases and cabinets, and sewing machine needles).

Source: Dept. of Commerce, Bureau of the Census; *Annual Survey of Manufactures*, U.S. Census of Manufacturers: 1958, and *Current Industrial Reports*.

No. 1166. AIR-CONDITIONING AND REFRIGERATION EQUIPMENT—SHIPMENTS: 1950 TO 1962

[Value figures in thousands of dollars. Beginning 1962, includes Alaska and Hawaii. Represents manufacturers' billing prices for units actually billed and shipped]

PRODUCT	1950		1955		1960		1962	
	Number	Value	Number	Value	Number	Value	Number	Value
Condensing units	885,913	75,833	589,335	71,067	635,630	62,573	530,716	60,858
Ammonia refrigerants	245	352	84	154				
Refrigerants, except ammonia	885,668	75,481	539,251	70,913	635,630	62,573	530,716	60,858
Air-cooled	835,239	59,035	523,200	46,050	596,518	46,516	497,496	46,220
Water-cooled	50,429	16,446	66,051	24,863	39,112	16,057	33,220	14,638
Compressors and compressor units	954,368	46,977	2,554,031	116,917	4,427,414	211,392	4,901,371	216,157
Centrifugal-refrigeration systems	382	12,249	818	26,732	1,422	37,924	2,054	45,912
Heat-transfer equipment		61,337		114,064		150,648		164,516
Evaporative condensers	7,818	8,869	5,883	9,597	4,209	8,944	3,271	7,895
Unit coolers	183,300	24,588	97,034	15,058	133,096	16,207	113,508	16,231
Other heat-exchanger equipment		27,880		89,414		125,492		140,390
Packaged air-conditioning equipment		n.a.		369,862		498,278		538,872
Ice-making machines	14,914	8,907	31,521	16,369	55,466	28,974	71,687	36,543

n.a. Not available.

Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M35M.

Manufactures

No. 1167. MACHINE TOOLS (METAL CUTTING AND METAL FORMING)—SHIPMENTS,
BY MAJOR TYPES: 1955 TO 1962

[Value in millions of dollars. Excludes Alaska and Hawaii. Includes light type machine tools, particularly in drilling machines, lathes, grinding and polishing machines, and milling machines. Excludes machine tools specifically designed for home workshops, model makers, garages, and service shops]

MAJOR TYPE	1955		1960		1961		1962		
	Number	Value	Number	Value	Number	Value	Number	Value	
		961		778		764		867	
Total									
Metal cutting type									
Boring machines	2,122	77	1,523	47	1,390	52	1,503	61	
Broaching machines	395	14	176	6	153	7	202	9	
Drilling machines		54	22,175	39	22,778	37	29,204	53	
Gear cutting and finishing machines	1,749	37	1,243	34	1,238	36	1,255	36	
Grinding and polishing machines (exc. gear tooth grinding, honing, lapping, and buffing)	60,763	124	53,360	117	47,878	121	51,717	128	
Lathes	23,266	153	18,176	135	16,114	126	18,373	152	
Milling machines	11,665	90	14,115	79	13,272	74	15,263	96	
Planers	120	8	41	3	76	5	50	4	
Shapers (except gear shapers)	703	5	543	3	467	2	442	2	
All other metal cutting machine tools		105		75		71		86	
Metal forming type									
Presses, including forging (power)	20,712	295		238		233		240	
Presses, manual	n.a.	171	12,529	104	10,806	110	13,429	108	
Forging machines (except presses)	n.a.	10,410	1	10,811	1	11,541	2		
Punching and shearing machines, power	985	16	682	21	566	16	683	24	
Punching and shearing machines, manual	3,956	28	5,007	33	5,481	33	6,159	34	
Bending and forming machines, power	4,424	1							
Bending and forming machines, manual	6,814	33	13,227	34	12,959	32	12,712	29	
Bending and forming machines, manual	18,811	3							
Riveting machines	4,349	6	2,269	4	1,873	3	2,342	5	
Metal container making machines	1,503	18	1,255	17	980	13	965	14	
Die casting machines	334	9	181	6	101	8	232	9	
Wire weaving and wire fabricating machines		876	5	659	4	478	5	586	4
Drawing machines and draw benches	414	6	390	11	386	8	370	6	
All other metal forming machine tools	n.a.		2,122	3	2,182	4	2,414	5	

n.a. Not available.

Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M35W.

No. 1168. FARM MACHINES AND EQUIPMENT—SHIPMENTS, BY CLASS: 1947 TO 1962
[In thousands of dollars. Excludes Alaska and Hawaii. Excludes tractors]

CLASS	1947	1950	1955	1960	1961	1962
Total	758,326	1,001,758	912,157	1,000,928	1,001,864	1,046,579
Farm machines and equipment (complete units)	583,776	817,241	727,342	798,132	797,641	833,269
Attachments and parts	174,550	184,517	184,815	202,796	204,323	213,810
COMPLETE UNITS, ATTACHMENTS, AND PARTS						
Plows and listers	83,529	100,326	66,417	60,811	63,132	65,201
Harrows, rollers, pulverizers, and stalk cutters	57,423	77,716	74,706	85,581	82,587	87,949
Planting, seeding, and fertilizing machinery	73,977	113,053	89,098	98,075	95,725	104,558
Cultivators and weeders	50,363	57,253	52,640	51,288	47,910	51,666
Sprayers and dusters	39,566	36,779	38,254	44,554	40,988	45,502
Harvesting machinery	191,570	288,153	243,561	323,862	308,942	318,905
Haying machinery	94,865	184,979	168,447	140,351	123,998	126,496
Machines for preparing crops for market or for use	42,013	30,552	33,070	37,631	49,678	43,790
Farm poultry equipment	20,602	30,127	28,429	29,081	36,197	31,655
Farm dairy machines and equipment	31,415	22,969	19,260	20,229	29,411	24,149
Barn equipment	11,802	11,300	12,405	19,437	20,803	19,873
Barnyard equipment	8,808	17,777	18,381	25,185	37,354	43,822
Farm elevators and blowers	16,389	34,671	38,251	28,191	27,075	28,861
Farm wagons, trucks, and other farm transportation equipment	36,014	26,103	29,238	36,702	38,144	44,672

Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M35A.

No. 1169. FARM MACHINES AND EQUIPMENT—SHIPMENTS: 1945 TO 1962

[In millions of dollars. Excludes Alaska and Hawaii. Excludes tractors. Data prior to 1947 represent sales]

YEAR	Total	Complete units	Attachments and parts	YEAR	Total	Complete units	Attachments and parts	YEAR	Total	Complete units	Attachments and parts
1945.....	437	313	124	1951.....	1,219	987	232	1957.....	896	711	185
1946.....	534	401	133	1952.....	1,104	888	216	1958.....	1,075	850	225
1947.....	758	584	175	1953.....	1,003	800	203	1959.....	1,130	902	227
1948.....	991	787	205	1954.....	1,883	670	193	1960.....	1,001	798	203
1949.....	998	796	202	1955.....	912	727	185	1961.....	1,002	798	204
1950.....	1,002	817	185	1956.....	854	668	185	1962.....	1,047	833	213

¹ Includes \$20,611,000 not segregated between complete units and attachments and parts.Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M35A.

No. 1170. TRACTORS AND TRACTOR ATTACHMENTS AND PARTS—DOMESTIC SHIPMENTS AND EXPORTS, BY TYPE: 1950 TO 1962

[Value in thousands of dollars. Excludes Alaska and Hawaii. Excludes contractors' off-highway wheel tractors.
See table 1171.]

YEAR AND TYPE	Total value	COMPLETE UNITS				ATTACHMENTS AND PARTS (value)	
		Domestic		Export		Domestic	Export
		Number	Value	Number	Value		
Total:							
1950.....	n.a.	603,269	632,837	93,010	162,425	n.a.	n.a.
1955.....	1,234,697	504,930	698,937	63,032	203,237	n.a.	n.a.
1960.....	1,242,570	563,705	568,809	49,257	227,839	363,849	82,573
1961.....	1,290,251	542,253	626,705	48,292	199,534	337,536	126,476
1962.....	1,411,351	500,446	753,715	49,602	196,287	388,290	78,059
Wheel:							
1950.....	n.a.	424,398	461,103	73,454	85,423	n.a.	n.a.
1955.....	641,195	286,170	449,860	40,277	68,862	107,980	14,484
1960.....	511,247	137,184	307,785	18,857	49,773	149,765	10,924
1961.....	601,773	153,230	379,673	18,529	49,365	157,218	15,017
1962.....	684,990	169,429	462,254	20,276	58,217	150,278	13,841
Tracklaying: ¹							
1950.....	360,437	29,167	150,205	15,433	73,282	97,115	39,835
1955.....	556,764	31,036	225,831	17,855	133,612	n.a.	n.a.
1960.....	495,156	14,462	144,817	9,998	125,014	166,755	58,570
1961.....	445,314	12,422	139,532	7,646	98,090	123,869	33,823
1962.....	478,833	13,135	164,180	6,674	92,491	169,836	52,326
Tracklaying tractor—shovel loaders:							
1960.....	176,664	8,300	72,281	4,398	50,798	41,309	12,276
1961.....	172,171	5,053	56,161	3,804	49,622	39,854	26,584
1962.....	162,453	5,633	64,982	3,068	43,168	43,660	10,643
Garden: ²							
1950.....	32,460	149,704	21,529	4,123	720	9,857	364
1955.....	36,738	187,724	23,237	4,900	763	12,080	658
1960.....	59,503	403,759	43,926	16,004	1,754	13,020	803
1961.....	70,993	371,548	51,339	18,313	1,957	16,595	1,102
1962.....	85,475	402,249	62,299	19,584	2,411	19,516	1,249

n.a. Not available.

¹ Prior to 1960, includes tractors produced as integral units of tractor-shovel loaders.² Includes motor tillers. For 1960-1962, tractor-shovel loaders are shown separately.Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M35A and M35S.

No. 1171. CONTRACTORS' OFF-HIGHWAY WHEEL TRACTORS AND ATTACHMENTS AND PARTS—SHIPMENTS: 1950 TO 1962

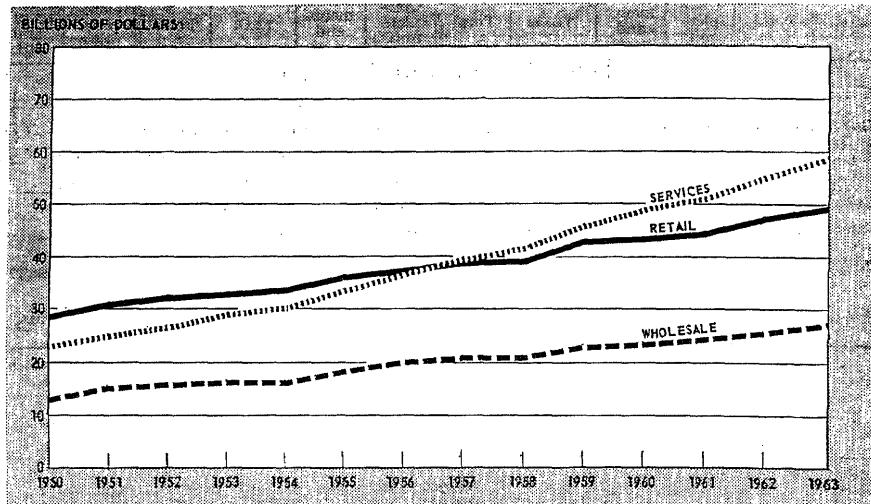
[Value in thousands of dollars. Excludes Alaska and Hawaii]

YEAR	Total value	COMPLETE UNITS		Attachments and parts (value)
		Number	Value	
1950.....	n.a.	2,065	24,769	n.a.
1955.....	96,146	4,144	64,173	31,973
1958.....	120,840	4,088	85,480	35,360
1959.....	121,225	4,065	91,944	29,281
1960.....	90,076	3,078	64,965	25,111
1961.....	99,772	3,285	74,466	25,306
1962.....	115,451	3,189	78,880	36,571

n.a. Not available.

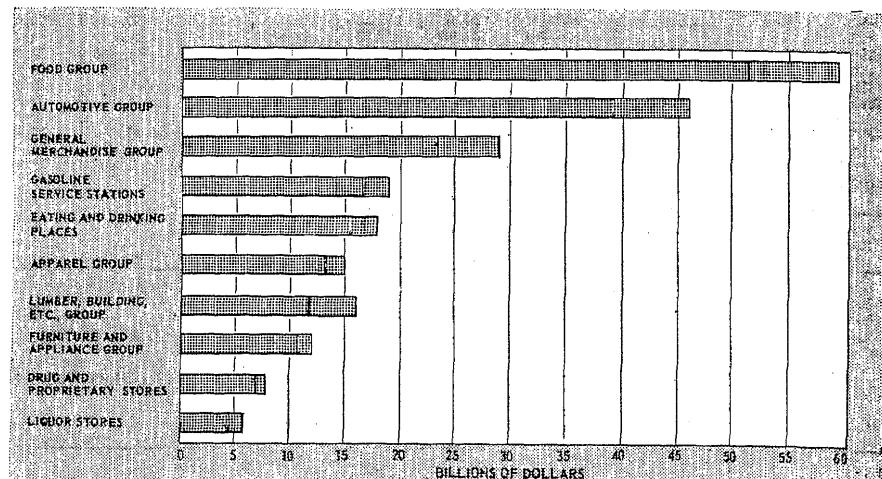
Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M35D.

FIG. XLV. NATIONAL INCOME ORIGINATING IN DISTRIBUTION INDUSTRIES: 1950 TO 1963
 [See table 1172]



Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data from Office of Business Economics.

FIG. XLVI. RETAIL STORE SALES, BY KIND OF BUSINESS: 1963
 [See table 1176]



Source: Dept. of Commerce, Bureau of the Census.

Section 30

Distribution and Services

This section presents statistics relating to retail, wholesale, and service trades. Data shown for the distribution trades, classified by kind of business, and for the various categories of services (personal, business, repair, amusement, hotel, etc.) cover sales or receipts, establishments, employees, payrolls, proprietors, and other items. Also included are several tables on advertising expenditures.

The principal sources of these data are the reports of the Census of Business and of annual and monthly surveys conducted by the Bureau of the Census. Other important government sources containing data on particular aspects of the distribution and service trades are the monthly *Federal Reserve Bulletin* (department stores), issued by the Board of Governors of the Federal Reserve System, and the monthly *Survey of Current Business* (retail sales, wholesale inventories and sales, consumer expenditures for services, etc.), issued by the Office of Business Economics. Financial data for tax-filing and securities-listed corporations engaged in retail, wholesale, or service trades appear in the annual *Statistics of Income*, published by the Internal Revenue Service, and are also available from the Securities and Exchange Commission. The Federal Trade Commission, in the course of its investigations, collects operating statistics on firms and chains in various kinds of business.

Censuses and current surveys.—Censuses of business have been taken at intervals since 1929. The 1954 census was the first taken under present legislation, which provides for a quinquennial Census of Business. The latest census covers the year 1958.

Current sample surveys conducted by the Bureau of the Census cover various aspects of the retail and wholesale trades. The Bureau compiles monthly reports of sales and end-of-month accounts receivable of all retail stores and of retail organizations operating 11 or more stores, United States, by kind of business. Monthly sales of retail stores are provided for census regions and geographic divisions in limited kind-of-business detail; total retail sales are provided for the 9 largest States and for 5 standard metropolitan statistical areas. These data appear in the *Monthly Retail Trade Report*. Annual figures on sales, inventories, and receivables, classified by kind of business, are presented in the *Annual Retail Trade Report*.

Statistics from the Bureau's wholesale trade survey, conducted monthly, include merchant wholesalers' sales and inventories and stock-sales ratios by kind of business, United States, as well as sales and inventory trends by kind of business and by geographic divisions. Monthly sales estimates are also shown by geographic divisions for the summary groups—durable goods trades, nondurable goods trades, and all trades combined. These data, based on reports submitted by a sample of firms representing merchant wholesalers in all kinds of business, appear in the *Monthly Wholesale Trade Report*. The monthly retail and wholesale data are adjusted by the Bureau of the Census for seasonal variations and, in the case of sales, also for trading day differences. These data are also published in the *Survey of Current Business*.

The Bureau of the Census also compiles and issues current information on inventories of green coffee held and green coffee roasted by roasters, importers, and dealers and, in its *Canned Food Report*, on distributor stocks of various canned foods.

Estimates obtained from the annual and monthly surveys are based on sample data and are not expected to agree with the results that would be obtained from a complete census of all establishments. Measures of the sampling variability, shown in the source reports, exclude biases which might arise from differences of response or from non-reporting.

Establishments and coverage.—The business establishments covered in the Census of Business are classified into 3 groups as follows: (1) *Retail trade*, places of business primarily engaged in selling merchandise for personal, household, or farm consumption; (2) *Wholesale trade*, establishments primarily engaged in selling goods to dealers and distributors for resale or to purchasers who buy for business uses; and (3) *Selected services*, establishments engaged primarily in the sale of services as contrasted with the sale of merchandise.

The Census of Business does not include the business activities of doctors, lawyers, dentists, and others performing a professional or scientific service; educational institutions; religious or charitable institutions; hospitals and infirmaries; public utilities; and government-operated enterprises.

Data from the 1954 and 1958 censuses exclude retail and service establishments with no paid employment which had receipts of less than \$2,500 and \$1,000, respectively; Wholesale trade establishments with no paid employment are excluded.

Advertising.—The statistics on advertising expenditures are compiled by private organizations. McCann-Erickson, Inc., which compiles certain of the data shown, defines national advertising as the advertising done for companies whose products are distributed nationally, and for which national media rates are paid; and local advertising as the advertising done for companies which market their products locally and which may pay special "local" media rates. Monthly figures are published regularly in *Printers' Ink* and in the *Survey of Current Business*.

Alaska and Hawaii.—Statements specifying inclusion or exclusion of figures for Alaska and Hawaii appear in the headnotes to each table unless the inclusion or exclusion is self-evident.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

No. 1172. NATIONAL INCOME ORIGINATING IN DISTRIBUTION AND SERVICE INDUSTRIES: 1950 TO 1963

[In millions of dollars. Beginning 1960, adjusted to include Alaska and Hawaii. Data represent net value added at factor costs. "N.e.c." means not elsewhere classified. See also *Historical Statistics, Colonial Times to 1957*, series T 1-11]

INDUSTRY	1950	1955	1958	1959	1960	1961	1962	1963 (prel.)
Wholesale and retail trade	42,707	55,000	61,136	66,568	67,698	69,465	73,552	77,367
Wholesale trade.....	13,682	18,729	21,442	23,454	23,875	24,772	25,949	27,619
Retail trade and automobile services.....	29,025	36,271	39,694	43,114	43,823	44,603	47,603	49,748
Services	23,089	33,740	41,908	45,984	49,065	51,928	55,382	59,465
Hotels and other lodging places.....	1,385	1,657	1,771	1,987	1,966	1,983	2,083	2,150
Personal services.....	3,006	3,652	4,189	4,421	4,583	4,746	4,965	5,126
Private households.....	4,557	6,960	8,719	9,203	10,210	10,542	11,014	11,852
Commercial and trade schools and employment agencies.....	169	184	229	238	256	249	300	307
Business services, n.e.c.....	2,097	3,611	4,905	5,609	6,044	6,649	7,368	7,822
Misc. repair services and hand trades.....	930	1,310	1,478	1,668	1,630	1,728	1,804	1,842
Motion pictures.....	830	926	775	865	879	934	882	894
Amusement and recreation, except motion pictures.....	825	1,187	1,436	1,547	1,674	1,805	1,957	1,966
Medical and other health services.....	4,544	6,997	9,026	10,108	10,667	11,434	12,159	13,704
Legal services.....	1,339	1,900	2,224	2,592	2,666	2,850	3,051	3,214
Engineering and other professional services, n.e.c.....	731	1,474	2,005	2,185	2,333	2,444	2,677	2,882
Educational services, n.e.c.....	1,088	1,571	2,140	2,372	2,661	2,891	3,222	3,573
Nonprofit membership organizations, n.e.c.....	1,588	2,311	3,011	3,239	3,496	3,673	3,900	4,133

Source: Dept. of Commerce, Office of Business Economics; *U.S. Income and Output*, a supplement to the *Survey of Current Business*, and *Survey of Current Business*, February 1964 and July 1964.

No. 1173. PERSONS ENGAGED IN DISTRIBUTION AND SERVICE INDUSTRIES: 1950 TO 1962

[In thousands. Beginning 1960, adjusted to include Alaska and Hawaii. Data represent man-years of full-time equivalent employment by persons working for wages or salaries and by active proprietors of unincorporated businesses devoting the major portion of their time to the business. "N.e.c." means not elsewhere classified. See also *Historical Statistics, Colonial Times to 1957*, series T 12-22]

INDUSTRY	1950	1955	1958	1959	1960	1961	1962
Wholesale and retail trade.....	11,439	12,473	12,847	13,263	13,525	13,508	13,832
Wholesale trade.....	2,711	3,036	3,129	3,206	3,279	3,297	3,354
Retail trade and automobile services.....	8,728	9,437	9,718	10,057	10,246	10,211	10,478
Services.....	7,716	8,407	9,224	9,502	9,767	9,955	10,271
Hotels and other lodging places.....	609	655	674	688	704	709	722
Personal services.....	1,225	1,248	1,257	1,273	1,284	1,294	1,309
Private households.....	1,710	1,557	1,614	1,592	1,600	1,568	1,558
Commercial and trade schools and employment agencies.....	45	43	50	50	53	50	59
Business services, n.e.c.....	497	645	807	906	957	1,026	1,113
Misc. repair services and hand trades.....	451	522	572	576	585	589	594
Motion pictures.....	234	211	182	179	174	172	164
Amusement and recreation, except motion pictures.....	294	296	310	322	339	352	363
Medical and other health services.....	1,237	1,551	1,787	1,875	1,936	2,002	2,107
Legal services.....	234	253	265	274	285	294	306
Engineering and other professional services, n.e.c.....	157	262	321	335	343	353	374
Educational services, n.e.c.....	442	507	617	639	676	698	724
Nonprofit membership organizations, n.e.c.....	581	657	768	793	831	848	878

Source: Dept. of Commerce, Office of Business Economics; *National Income Supplement*, 1954, U.S. *Income and Output*, a supplement to the *Survey of Current Business*, and *Survey of Current Business*, July 1963.

No. 1174. RETAIL TRADE—SALES OF ORGANIZATIONS OPERATING 11 OR MORE RETAIL STORES, BY KIND OF BUSINESS: 1960 TO 1964

[In millions of dollars. Includes Alaska and Hawaii. Data based on sales of organizations operating 11 or more retail stores in 1958. Quarterly data are not adjusted for seasonal variation or trading day differences. See also *Historical Statistics, Colonial Times to 1957*, series T 49-71]

KIND OF BUSINESS	1960	1961	1962	1963					1964, first quarter
				Total	First quarter	Second quarter	Third quarter	Fourth quarter	
Total sales¹.....	50,681	52,531	55,576	58,280	12,472	14,267	14,319	17,222	13,667
Durable goods stores ¹	3,985	4,013	4,271	4,469	879	1,124	1,142	1,324	984
Tire, battery, accessory dealers.....	990	1,000	1,087	1,098	208	292	279	319	220
Furniture and appliance group.....	999	1,050	1,070	1,115	228	266	283	338	257
Nondurable goods stores ¹	46,696	48,518	51,305	53,811	11,593	13,143	13,177	15,898	12,688
Apparel group ¹	3,514	3,568	3,683	3,798	713	975	882	1,226	840
Men's and boys' wear stores ²	347	358	351	355	68	88	75	124	77
Women's apparel, accessory stores ²	1,413	1,444	1,490	1,607	291	406	381	529	339
Shoe stores.....	1,026	1,031	1,082	1,054	217	290	248	299	258
Drug and proprietary stores.....	1,452	1,527	1,640	1,728	392	413	416	507	426
Eating and drinking places.....	1,115	1,142	1,202	1,253	282	317	338	321	313
Food group ¹	22,076	22,774	23,695	24,357	5,912	6,049	6,044	6,352	6,200
Grocery stores.....	21,424	22,119	23,046	23,692	5,754	5,875	5,877	6,186	6,038
General merchandise group ¹	15,479	16,251	17,568	19,018	3,472	4,511	4,582	6,458	4,072
Department stores, excluding mail-order sales.....	9,376	9,876	10,812	11,817	2,146	2,829	2,855	3,987	2,521
Variety stores.....	3,019	3,149	3,404	3,542	636	846	836	1,224	758

¹ Includes data not shown separately.

² Comprises men's and boys' clothing, furnishings stores, and custom tailors.

³ Comprises women's ready-to-wear, other apparel, accessory, specialty shops, and furriers.

Source: Dept. of Commerce, Bureau of the Census; *Monthly Retail Trade Report*, and unpublished data.

No. 1175. RETAIL TRADE—SALES OF RETAIL STORES AND MULTIUNIT ORGANIZATIONS: 1951 TO 1964

[In millions of dollars. Beginning January 1960, includes Alaska and Hawaii. Quarterly data are not adjusted for seasonal variation or trading day differences.]

YEAR	ALL RETAIL STORES			MULTIUNIT ORGANIZATIONS ¹		
	Total	Durable	Nondurable	Total	Durable	Nondurable
1951	156,548	54,479	102,069	28,536	2,521	26,015
1955	183,851	66,978	116,873	33,918	2,790	31,128
1957	200,002	68,352	131,650	41,899	3,031	38,868
1958	200,353	63,409	136,944	43,853	3,146	40,707
1959	215,413	71,662	143,751	46,673	3,365	43,308
1960	219,529	70,733	148,796	50,681	3,985	46,696
1961	218,811	67,296	151,515	52,531	4,013	48,518
1962	235,351	74,942	160,409	55,576	4,271	51,305
1963	246,435	80,098	166,337	58,280	4,469	63,811
First quarter	55,001	17,510	37,491	12,472	879	11,593
Second quarter	62,483	21,265	41,218	14,267	1,124	13,443
Third quarter	60,825	19,531	41,294	14,319	1,142	13,177
Fourth quarter	68,126	21,792	46,334	17,222	1,324	15,898
1964, first quarter	58,414	18,804	39,520	13,667	984	12,683

¹ Based on sales of organizations operating 11 or more retail stores in 1948, in 1954, and in 1958, respectively.

Source: Dept. of Commerce, Bureau of the Census; *Monthly Retail Trade Report*, and unpublished data.

No. 1176. RETAIL STORES—SALES, BY KIND OF BUSINESS: 1960 TO 1964

[In millions of dollars. Includes Alaska and Hawaii. Quarterly data are not adjusted for seasonal variation or trading day differences. See also *Historical Statistics, Colonial Times to 1957*, series T 24-48]

KIND OF BUSINESS	1960	1961	1962	1963				1964, first quarter
				Total	First quarter	Second quarter	Third quarter	
All retail stores ¹	219,529	218,811	235,351	246,435	55,001	62,483	60,825	68,126
Durable goods stores ¹	70,733	67,296	74,942	80,098	17,510	21,265	19,531	21,792
Automotive group	39,509	36,906	42,704	45,059	10,722	12,689	10,522	12,026
Passenger car, other automobile dealers	36,981	34,435	40,126	43,197	10,180	11,058	9,813	11,237
Tire, battery, accessory dealers	2,528	2,471	2,668	2,762	533	731	709	789
Furniture and appliance group	10,508	10,382	10,814	11,612	2,440	2,721	2,937	3,505
Furniture, homefurnishings stores	6,770	6,566	6,997	7,465	1,562	1,785	1,906	2,212
Household-appliance, TV, radio stores	3,828	3,816	3,817	4,147	887	936	1,031	1,293
Lumber, building, hardware farm equipment group ¹	14,810	14,128	15,068	15,528	2,935	4,198	4,344	4,051
Lumber yards, building-materials dealers ²	8,618	8,399	8,738	8,919	1,617	2,305	2,620	2,278
Hardware stores	2,693	2,552	2,628	2,647	522	700	664	761
Nondurable goods stores ¹	148,796	151,515	160,409	166,337	37,491	41,218	41,294	46,334
Apparel group ¹	13,708	13,730	14,388	14,460	2,893	3,558	3,338	4,671
Men's and boys' wear ³	2,619	2,659	2,740	2,786	550	651	612	943
Women's apparel, accessory stores ⁴	5,329	5,269	5,476	5,593	1,181	1,363	1,284	1,815
Shoe stores	2,450	2,418	2,510	2,487	517	671	605	604
Drug and proprietary stores	7,530	7,739	8,032	8,175	1,957	1,992	1,987	2,239
Eating and drinking places	16,096	16,403	17,305	18,071	4,009	4,617	4,870	4,575
Food group ¹	53,837	55,421	57,609	59,143	14,181	14,700	15,005	15,257
Grocery stores	48,339	49,910	52,124	53,551	12,882	13,284	13,568	13,817
Gasoline service stations	17,594	17,971	18,645	19,365	4,478	4,859	5,041	4,987
General merchandise group ¹	24,007	24,907	27,206	28,660	5,446	6,843	6,827	9,544
Department stores, excluding mail-order sales	13,942	14,554	15,842	16,683	3,116	3,988	3,960	5,019
Mail-order (dept. store merchandise)	1,857	1,928	1,958	2,124	405	464	503	752
Variety stores	3,899	4,078	4,457	4,625	853	1,102	1,085	1,585
Liquor stores	4,880	4,904	5,401	5,650	1,222	1,337	1,400	1,700

¹ Includes data not shown separately.

² Comprises lumber yards, building materials dealers, and paint, plumbing, and electrical stores.

³ Comprises men's and boys' clothing, furnishings stores, and custom tailors.

⁴ Comprises women's ready to wear, other apparel, accessory, specialty shops, and furriers.

Source: Dept. of Commerce, Bureau of the Census; *Monthly Retail Trade Report*, and unpublished data.

No. 1177. RETAIL TRADE—SIZE OF ESTABLISHMENT AND LEGAL FORM OF ORGANIZATION: 1958

[Excludes Alaska and Hawaii]

ITEM	Establishments	Sales	Payroll, entire year	PAYROLL, WORK- WEEK ENDED NEAREST NOV. 15		PAID EMPLOY- EES, WORK- WEEK ENDED NEAREST NOV. 15		Active proprietors of unincor- porated busi- nesses
				Total	Full work- week	Total	Full work- week	
All establishments.....	1,788,325	Mil. dol.	\$1,000	\$1,000	\$1,000	1,000	1,000	1,818,666
SALES SIZE¹								
Operated entire year.....	1,646,909	188,480	20,473,053	391,476	361,793	7,364	6,003	1,562,887
With annual sales of—								
Less than \$5,000.....	75,064	254	15,671	394	351	15	12	75,281
\$5,000 to \$19,000.....	146,805	1,014	41,926	1,008	888	38	31	150,351
\$10,000 to \$19,000.....	242,589	3,468	191,458	4,245	3,768	144	114	245,367
\$20,000 to \$29,000.....	201,886	4,884	345,918	7,180	6,454	219	174	207,299
\$30,000 to \$49,000.....	288,178	11,131	901,479	18,048	16,378	488	390	294,433
\$50,000 to \$99,000.....	310,998	22,288	2,293,555	44,880	41,103	1,038	834	310,380
\$100,000 to \$299,000.....	265,346	43,482	5,076,809	96,504	90,068	1,858	1,539	226,332
\$300,000 to \$499,000.....	49,125	18,766	2,218,244	41,533	39,123	717	603	30,477
\$500,000 to \$999,000.....	35,740	24,602	7,226,070	50,910	47,764	833	691	15,272
\$1,000,000 to \$1,999,000.....	16,929	23,357	2,326,448	43,198	39,775	675	537	3,741
\$2,000,000 to \$4,999,000.....	6,954	19,714	1,989,268	37,077	34,023	564	450	865
\$5,000,000 and over.....	1,295	15,520	2,346,207	46,498	42,098	773	627	89
Not operated entire year.....	141,416	11,167	1,116,286	21,174	19,948	547	475	255,779
EMPLOYMENT SIZE								
Operated entire year.....	1,646,909	188,480	20,473,053	391,476	361,793	7,364	6,003	1,562,887
With Nov. 15 employment of—								
No paid employee.....	591,150	12,583	66,247					636,292
1 paid employee.....	231,450	9,152	572,062	10,370	9,633	231	199	240,390
2 paid employees.....	213,843	11,874	995,657	19,178	17,706	428	354	212,191
3 paid employees.....	151,110	11,501	1,095,155	21,377	19,767	453	371	144,069
4 or 5 paid employees.....	162,796	17,180	1,840,233	35,889	33,279	723	501	142,636
6 or 7 paid employees.....	88,340	13,085	1,511,456	20,255	27,268	567	467	70,788
8 or 9 paid employees.....	51,663	10,024	1,198,635	23,037	21,570	434	361	38,133
10 to 14 paid employees.....	64,927	17,536	2,141,773	40,814	38,251	754	627	42,331
15 to 19 paid employees.....	30,138	12,095	1,482,239	28,088	26,296	503	418	16,080
20 to 49 paid employees.....	47,727	36,624	4,268,147	80,283	74,237	1,405	1,130	17,423
50 to 99 paid employees.....	9,960	16,238	1,972,247	37,222	34,187	662	528	2,103
100 or more paid employees.....	3,795	20,579	3,229,202	66,013	59,599	1,204	957	456
Not operated entire year.....	141,416	11,167	1,116,286	21,174	19,948	547	475	255,779
SINGLE UNITS AND MULTIUNITS								
Single units.....	1,605,500	132,437	13,404,331	254,901	230,757	4,978	4,221	1,746,702
Operated by 1-establishment firms.....	1,577,142	127,319	12,755,344	242,638	228,100	4,749	4,021	1,719,242
Operated by multiestablishment firms.....	28,448	5,118	650,087	12,263	11,657	228	200	27,460
Multiunits.....	182,735	67,209	8,185,008	157,748	141,933	2,933	2,257	71,964
2-establishment multiunits.....	52,258	9,626	1,295,758	24,968	23,596	452	391	46,697
3-establishment multiunits.....	16,307	4,140	568,177	11,004	10,394	198	173	11,068
4- or 5-establishment multiunits.....	13,310	4,176	575,699	11,090	10,281	206	170	6,671
6- to 10-establishment multiunits.....	12,366	4,816	658,943	12,637	11,615	225	184	3,845
11- to 25-establishment multiunits.....	14,670	5,115	635,749	12,160	11,065	226	175	3,142
26- to 50-establishment multiunits.....	11,888	6,263	846,202	16,380	14,495	307	236	516
51- to 100-establishment multiunits.....	11,708	4,597	549,743	10,424	9,423	199	156	125
101-establishment-and-over multiunits.....	50,228	28,476	3,051,710	59,086	51,114	1,120	772	-----
LEGAL FORM OF ORGANIZATION								
Individual proprietorships.....	1,240,171	63,837	5,221,040	102,709	94,604	2,372	1,945	1,283,340
Partnerships.....	259,352	27,744	2,534,579	45,987	45,576	1,041	864	535,326
Corporations.....	277,805	106,099	13,658,954	257,516	238,259	4,438	3,615	-----
Cooperatives.....	5,964	1,306	104,047	2,009	1,925	34	30	-----
Other legal forms.....	5,038	1,161	70,709	1,429	1,378	26	23	-----

¹ Establishments classified by sales-size group after reported sales figures had been rounded to nearest \$1,000.

Source: Dept. of Commerce, Bureau of the Census; U.S. Census of Business: 1958, Retail Trade, Vol. I.

Distribution and Services

No. 1178. RETAIL TRADE—ESTABLISHMENTS AND SALES, 1954

STATE	1954				1958	
	Establishments		Sales		Establishments	
	Total	With payroll	Total estab- lishments	Establish- ments with payroll	Total	With payroll
United States	1,727,967	1,128,113	Mil. dol. 170,568	Mil. dol. 158,492	1,794,744	1,185,036
New England						
Maine	112,807	75,211	10,911	10,179	112,701	75,001
New Hampshire	11,624	7,742	924	847	11,236	7,736
Vermont	7,439	5,071	604	562	7,387	5,025
Massachusetts	4,623	3,183	380	353	4,778	3,252
Rhode Island	53,022	35,690	5,539	5,202	52,484	35,408
Connecticut	10,396	5,984	848	770	9,777	5,837
Middle Atlantic	368,978	232,060	35,054	32,264	372,404	235,578
New York	183,440	119,392	18,116	16,753	183,173	119,273
New Jersey	64,919	40,609	6,145	5,616	68,377	42,261
Pennsylvania	120,619	72,059	10,703	9,894	120,854	74,044
E.N. Central	343,411	238,841	37,256	35,097	355,538	244,372
Ohio	86,907	61,047	9,633	9,096	90,354	62,694
Indiana	41,624	31,544	4,513	4,322	45,004	32,408
Illinois	99,001	65,237	11,019	10,309	98,973	66,031
Michigan	67,995	50,331	8,168	7,776	72,379	52,291
Wisconsin	47,884	30,682	3,924	3,594	47,928	30,948
W.N. Central	176,207	119,901	16,181	15,066	173,959	120,641
Minnesota	35,380	24,476	3,450	3,224	34,666	24,572
Iowa	35,124	23,952	3,078	2,854	33,498	23,994
Missouri	47,262	30,252	4,525	4,198	47,825	30,819
North Dakota	7,743	5,291	662	608	7,404	5,258
South Dakota	8,338	6,096	679	638	8,758	6,116
Nebraska	17,033	12,137	1,588	1,486	16,819	12,093
Kansas	25,327	17,697	2,201	2,059	24,989	17,789
South Atlantic	217,866	134,666	20,609	19,034	237,353	152,021
Delaware	4,307	2,739	493	462	4,624	3,180
Maryland	24,857	15,829	2,675	2,488	26,150	17,422
Dist. of Col.	6,734	5,188	1,212	1,177	6,325	5,103
Virginia	30,959	20,453	3,121	2,924	32,991	22,257
West Virginia	18,681	11,403	1,401	1,286	19,180	11,432
North Carolina	38,049	21,997	3,210	2,899	41,296	25,206
South Carolina	20,581	11,917	1,519	1,345	21,788	12,900
Georgia	32,395	19,571	2,963	2,721	35,452	21,664
Florida	41,303	25,569	4,014	3,732	49,547	32,857
E.S. Central	100,623	59,833	8,354	7,544	108,000	65,106
Kentucky	26,472	16,040	2,201	1,996	29,707	17,291
Tennessee	31,067	18,681	2,759	2,512	32,925	20,361
Alabama	26,158	14,990	2,112	1,892	26,803	16,517
Mississippi	16,926	10,122	1,282	1,145	18,475	10,937
W.S. Central	162,233	102,283	14,806	13,656	174,484	112,458
Arkansas	18,783	10,965	1,334	1,183	20,159	11,881
Louisiana	26,845	15,759	2,330	2,126	29,260	17,714
Oklahoma	25,312	15,568	2,101	1,910	25,972	16,584
Texas	91,293	59,991	9,032	8,438	99,093	66,279
Mountain	62,357	43,071	6,357	5,972	66,927	47,663
Montana	8,223	5,865	778	730	8,261	6,043
Idaho	7,096	5,056	670	625	7,546	5,286
Wyoming	3,974	2,826	385	363	3,930	3,044
Colorado	15,468	10,890	1,727	1,637	16,543	11,937
New Mexico	8,481	5,319	733	674	8,735	5,917
Arizona	9,728	6,396	1,001	936	11,463	7,907
Utah	6,670	4,772	733	694	7,391	5,325
Nevada	2,717	1,947	330	314	3,058	2,204
Pacific	183,485	122,247	21,040	19,679	193,378	132,196
Washington	26,806	17,868	2,874	2,687	27,612	18,942
Oregon	19,073	12,333	1,921	1,779	18,056	12,670
California	131,289	87,973	15,644	14,655	141,201	96,189
Alaska	1,510	1,054	175	164	1,659	1,265
Hawaii	4,807	3,019	426	395	4,760	3,130

AND 1958, AND PAYROLL AND PERSONNEL, 1958, BY STATES

1958—Continued								
Sales		Payroll, entire year	Payroll, work- week ended nearest Nov. 15		Paid employees, workweek ended nearest Nov. 15		Active proprie- tors of unincor- porated busi- nesses	STATE
Total establish- ments	Establish- ments with payroll		Total	Full work- week	Total	Full work- week		
Mil. dol. 200,365	Mil. dol. 187,768	\$1,000 21,673,269	\$1,000 414,233	\$1,000 383,224	7,492,144	6,504,398	1,825,224	United States.
12,452	11,632	1,381,760	26,151	28,714	512,768	399,102	97,316	New England.
1,031	959	97,053	1,838	1,702	39,366	31,981	10,475	Maine.
704	654	68,900	1,302	1,192	27,188	21,477	6,820	New Hampshire.
443	408	40,377	767	709	16,241	13,265	4,535	Vermont.
6,242	5,877	733,406	13,865	12,552	273,577	211,357	41,003	Massachusetts.
929	852	99,110	1,925	1,764	38,942	31,069	8,990	Rhode Island.
3,103	2,882	342,914	6,454	5,796	117,454	89,953	25,493	Connecticut.
40,390	37,402	4,564,484	87,012	80,262	1,590,325	1,291,773	369,325	Middle Atlantic.
20,793	19,336	2,447,088	46,458	43,040	823,701	677,749	176,390	New York.
7,275	6,672	17,779,221	14,749	13,582	284,809	213,078	65,856	New Jersey.
12,322	11,394	1,338,175	25,804	23,641	501,815	400,946	127,079	Pennsylvania.
42,177	39,848	4,638,848	88,083	80,327	1,664,635	1,315,572	367,984	E.N. Central.
10,857	10,279	2,171,282	23,166	21,151	438,907	349,151	88,848	Ohio.
5,177	4,906	565,692	10,749	9,968	210,807	171,999	47,318	Indiana.
12,790	12,074	1,451,998	27,367	24,829	497,548	389,838	104,198	Illinois.
8,898	8,471	945,716	18,013	16,523	336,774	270,055	78,951	Michigan.
4,455	4,119	458,160	8,788	7,858	180,599	134,529	48,669	Wisconsin.
18,208	17,141	1,828,033	35,170	32,432	713,390	577,774	180,674	W.N. Central.
3,976	3,767	428,004	8,206	7,465	159,040	125,125	35,261	Minnesota.
3,367	3,185	310,540	5,919	5,471	124,587	100,402	34,973	Iowa.
5,150	4,810	535,495	10,679	9,830	214,305	175,341	50,113	Missouri.
763	719	71,664	1,384	1,307	26,859	22,927	7,425	North Dakota.
772	718	68,234	1,320	1,231	28,388	23,161	8,842	South Dakota.
1,730	1,633	162,718	3,163	2,948	66,064	54,128	17,863	Nebraska.
2,449	2,309	233,288	4,600	4,179	94,149	76,690	26,197	Kansas.
25,493	23,851	2,693,699	51,585	48,478	1,081,777	912,447	233,227	South Atlantic.
553	553	62,836	1,204	1,115	22,589	18,308	4,132	Delaware.
3,326	3,144	374,495	7,128	6,685	146,098	120,147	25,478	Maryland.
1,304	1,279	186,955	3,536	3,338	62,780	55,182	5,334	Dist. of Col.
3,721	3,511	398,818	7,768	7,274	162,561	136,051	32,246	Virginia.
1,607	1,474	165,596	3,205	3,015	66,945	57,579	18,857	West Virginia.
3,837	3,530	374,510	7,220	6,792	159,745	132,143	41,357	North Carolina.
1,747	1,587	162,515	3,141	2,944	74,527	60,586	21,324	South Carolina.
3,528	3,259	352,788	6,764	6,412	149,600	127,971	35,602	Georgia.
5,840	5,514	615,186	11,620	11,003	236,932	204,480	48,897	Florida.
9,829	8,963	936,195	18,031	16,991	400,097	340,734	116,128	E.S. Central.
2,551	2,324	249,406	4,746	4,411	100,928	84,588	32,693	Kentucky.
3,109	2,952	311,579	6,046	5,693	134,106	114,438	35,861	Tennessee.
2,567	2,351	242,036	4,645	4,410	104,093	89,554	28,198	Alabama.
1,482	1,336	133,174	2,504	2,477	60,970	52,154	19,376	Mississippi.
17,670	16,471	1,755,553	33,949	32,071	715,641	615,526	180,863	W.S. Central.
1,537	1,377	134,419	2,604	2,478	60,261	51,693	21,602	Arkansas.
2,940	2,714	302,094	5,758	5,444	123,010	107,908	29,196	Louisiana.
2,401	2,216	229,905	4,477	4,247	97,341	83,897	27,836	Oklahoma.
10,703	10,164	1,089,135	21,081	19,902	435,029	372,028	102,139	Texas.
7,924	7,533	839,101	16,287	15,234	309,150	257,621	70,579	Mountain.
863	816	89,062	1,725	1,621	33,138	28,168	8,525	Montana.
818	770	80,286	1,574	1,483	28,380	24,093	7,510	Idaho.
416	398	43,926	846	794	15,785	13,281	4,298	Wyoming.
2,105	2,013	228,547	4,444	4,143	83,942	69,524	17,812	Colorado.
973	917	97,914	1,917	1,804	38,250	32,419	9,356	New Mexico.
1,412	1,343	151,630	2,933	2,767	56,109	47,142	12,146	Arizona.
929	886	101,398	1,963	1,795	38,863	30,473	7,546	Utah.
408	391	46,329	883	828	14,683	12,521	3,386	Nevada.
26,222	24,927	3,035,596	57,965	53,714	954,361	793,849	209,128	Pacific.
3,419	3,219	374,795	7,306	6,739	120,865	98,388	28,797	Washington.
2,137	2,024	230,639	4,517	4,230	77,253	66,124	20,374	Oregon.
19,948	19,006	2,346,232	44,559	41,263	725,180	602,061	153,399	California.
202	193	24,186	396	375	6,600	5,830	1,763	Alaska.
516	486	59,744	1,187	1,108	24,463	20,446	4,795	Hawaii.

Source: Dept. of Commerce, Bureau of the Census; U.S. Census of Business: 1954, Retail Trade, Vol. II and U.S. Census of Business: 1958, Retail Trade, Vol. II.

Distribution and Services

No. 1179. RETAIL TRADE—ESTABLISHMENTS AND

STATE	TOTAL		LUMBER, BUILDING MATERIALS, HARDWARE, FARM EQUIP- MENT DEALERS		GENERAL MERCANDISE GROUP STORES		FOOD STORES		AUTOMOTIVE DEALERS		GASOLINE SERVICE STATIONS	
			Estab- lish- ments	Sales	Estab- lish- ments	Sales	Estab- lish- ments	Sales	Estab- lish- ments	Sales	Estab- lish- ments	Sales
	Mil. dol.	14,228	Mil. dol.	14,228	Mil. dol.	14,228	Mil. dol.	14,228	Mil. dol.	14,228	Mil. dol.	14,228
U.S.	1,794,744	200,365	108,379	14,326	87,182	21,971	356,754	49,225	93,885	31,905	206,755	14,228
N.E.	112,701	12,452	5,589	685	4,658	1,262	23,155	3,272	5,263	1,779	10,729	737
Maine....	11,236	1,031	610	60	748	107	2,778	289	680	173	1,140	73
N.H.	7,387	704	378	42	382	54	1,551	201	465	116	792	49
Vt.	4,778	443	343	31	362	45	1,002	116	286	77	570	30
Mass.	52,484	6,242	2,473	311	1,859	665	10,885	1,612	2,304	826	4,718	336
R.I.	9,777	929	416	54	374	101	2,088	237	370	131	985	56
Conn.	27,039	3,103	1,309	187	933	291	4,851	817	1,178	457	2,524	192
M.A.	372,404	40,390	16,732	1,961	13,395	4,336	85,544	10,594	14,040	5,299	30,044	2,124
N.Y.	183,173	20,793	7,943	903	6,082	2,222	42,805	5,513	2,798	2,386	12,484	946
N.J.	68,377	7,275	3,025	401	2,348	609	14,602	1,918	2,707	1,010	6,257	445
Pa.	120,854	12,322	5,764	657	4,365	1,504	28,137	3,163	5,514	1,903	11,303	733
E.N.C.	355,538	42,177	26,122	3,227	12,305	4,714	64,754	10,311	18,133	6,685	40,474	3,079
Ohio....	90,354	10,857	6,408	788	3,165	1,375	18,232	2,798	1,743	9,987	811	
Ind.	45,904	5,177	3,781	444	1,854	566	7,670	1,218	2,822	866	6,082	422
Ill.	98,973	12,790	6,055	901	3,169	1,306	18,068	2,929	4,402	1,802	9,915	832
Mich.	72,379	8,898	5,457	666	2,422	978	13,523	2,319	3,909	1,572	9,455	705
Wis.	47,928	4,455	3,821	428	1,695	488	7,261	1,046	2,098	702	5,065	300
W.N.C.	173,959	18,208	18,435	2,290	8,180	1,858	26,479	3,912	10,049	3,018	22,797	1,442
Minn.	34,666	3,976	3,856	480	1,602	434	5,728	852	1,761	612	4,237	285
Iowa....	33,498	3,367	4,111	509	1,360	204	4,633	706	1,803	546	4,447	272
Mo.	47,825	5,150	5,338	411	2,697	620	8,240	1,153	2,808	807	6,195	392
N.Dak.	7,404	763	1,258	174	403	63	1,046	131	421	143	876	57
S.Dak.	8,758	772	1,273	147	431	67	1,186	153	511	136	1,163	67
Nebr.	16,819	1,730	2,049	250	683	174	2,343	349	1,000	297	2,174	146
Kans.	24,989	2,449	2,550	301	1,004	206	3,303	568	1,750	477	3,705	223
S.A.	237,353	25,493	10,765	1,642	17,687	3,024	53,558	6,110	13,414	4,339	30,943	1,938
Del.	4,624	583	230	35	196	64	896	130	193	91	566	41
Md.	26,150	3,326	1,168	180	1,006	366	6,370	895	1,147	486	2,707	227
D.C.	6,325	1,304	170	33	137	185	1,253	236	221	183	443	63
Va.	32,991	3,721	1,480	215	3,023	474	7,649	924	1,858	630	4,640	304
W.Va.	19,180	1,607	862	90	1,672	245	4,783	426	1,045	269	2,401	124
N.C.	41,296	3,337	1,849	204	4,314	458	10,009	874	2,381	668	6,111	310
S.C.	21,788	1,747	908	181	2,065	206	5,635	444	1,428	311	2,047	153
Ga.	35,452	3,528	1,596	254	3,092	440	8,935	815	2,260	609	5,023	289
Fla.	49,547	5,840	2,502	411	2,182	559	8,040	1,365	2,881	1,093	6,105	427
E.S.C.	108,000	9,829	5,478	743	10,261	1,190	28,172	2,444	6,338	1,754	13,223	782
Ky.	29,707	2,581	1,643	207	2,434	286	7,834	660	1,750	448	3,266	195
Tenn.	32,925	3,199	1,589	226	2,778	403	8,201	791	1,956	577	4,210	261
Ala.	26,893	2,567	1,236	181	2,803	330	7,124	635	1,541	451	3,462	197
Miss.	18,475	1,482	1,010	129	2,246	172	5,013	358	1,091	279	2,285	129
W.S.C.	174,484	17,670	10,546	1,437	10,306	1,940	35,685	4,271	11,700	3,325	24,722	1,433
Ark.	20,150	1,537	1,196	151	1,843	159	5,168	359	1,311	294	2,589	123
La.	20,260	2,940	1,459	221	1,761	347	7,796	725	1,288	492	3,368	220
Okla.	25,972	2,401	1,829	223	1,612	261	4,366	586	1,995	456	3,863	210
Tex.	99,093	10,793	6,002	843	5,090	1,173	18,355	2,602	7,106	2,083	14,902	850
Mt.	66,927	7,924	4,582	732	3,300	827	9,232	1,756	4,314	1,486	9,987	706
Mont.	8,261	863	790	111	397	74	1,175	192	485	163	1,048	69
Idaho....	7,546	818	662	105	473	84	1,061	173	532	163	1,029	66
Wyo.	3,930	416	292	46	202	33	485	88	263	78	658	46
Colo.	16,543	2,105	1,226	195	688	250	2,243	455	1,045	386	2,387	165
N.Mex.	8,735	973	480	76	578	94	1,286	213	583	197	1,424	96
Ariz.	11,463	1,412	532	106	514	133	1,599	331	738	262	1,705	131
Utah....	7,391	929	471	75	343	122	1,113	209	479	170	1,243	85
Nev.	3,053	408	129	19	105	36	320	95	189	68	493	47
Pac.	193,378	26,222	10,130	1,610	7,090	2,821	30,025	6,555	10,634	4,221	23,836	1,987
Wash.	27,612	3,419	1,845	240	1,154	420	4,640	866	1,721	497	3,806	241
Oreg.	18,056	2,137	1,263	153	708	227	3,056	537	1,185	391	2,570	168
Calif.	141,291	19,948	6,891	1,200	4,690	2,082	21,083	4,949	7,499	3,236	16,998	1,528
Alaska....	1,659	202	68	10	183	29	216	47	86	25	102	12
Hawaii....	4,760	516	63	7	355	63	1,030	155	143	71	351	58

SALES, BY KIND OF BUSINESS, BY STATES: 1958

APPAREL, ACCESSORY STORES		FURNITURE, HOME FUR- NISHINGS, EQUIPMENT STORES		EATING, DRINKING PLACES		DRUG STORES, PROPRI- ETARY STORES		OTHER RETAIL STORES		NONSTORE RETAILERS		STATE
Establish- ments	Sales	Establish- ments	Sales	Establish- ments	Sales	Establish- ments	Sales	Establish- ments	Sales	Establish- ments	Sales	
119,252	12,569	103,745	10,110	346,245	15,288	56,379	6,304	241,144	18,524	75,024	5,413	U.S.
8,339	858	6,809	568	19,545	908	3,962	407	19,829	1,608	4,823	368	N.E.
752	59	580	34	1,604	45	319	27	1,641	148	384	16	Maine.
542	45	459	27	1,164	38	189	19	1,213	103	252	10	N.H.
301	20	239	16	600	20	134	10	815	74	146	5	Vt.
3,025	448	3,018	280	9,355	516	2,009	207	9,418	784	2,520	257	Mass.
501	72	589	43	1,945	69	368	35	1,606	107	445	25	R.I.
2,228	215	1,924	168	4,877	220	943	109	5,136	392	1,076	54	Conn.
32,123	3,364	20,969	2,179	76,670	3,840	11,633	1,167	53,377	4,239	17,877	1,288	M.A.
17,205	1,082	10,501	1,127	36,045	2,214	5,948	600	27,985	2,323	8,856	580	N.Y.
5,754	564	3,052	434	14,486	609	1,742	198	10,443	783	3,361	244	N.J.
9,164	818	6,816	618	25,239	958	9,343	369	14,940	1,134	5,660	464	Pa.
22,331	2,393	21,020	2,065	79,479	3,398	10,981	1,462	44,316	3,450	15,623	1,393	E.N.C.
5,252	550	5,594	533	18,810	870	2,740	358	11,074	842	4,220	190	Ohio.
2,695	266	2,909	249	8,495	371	1,455	187	6,307	475	1,834	114	Ind.
7,378	842	5,477	620	22,741	1,097	3,149	432	13,573	1,176	4,446	854	Ill.
4,462	496	4,440	456	14,842	635	2,472	355	7,958	558	3,430	158	Mich.
2,544	239	2,600	208	14,591	426	1,165	131	5,404	400	1,684	78	Wis.
9,280	937	9,484	802	83,736	1,181	5,612	614	22,854	1,649	7,053	506	W.N.C.
1,923	200	1,826	168	7,010	288	933	128	4,417	349	1,373	171	Minn.
1,810	172	2,051	150	6,429	203	976	99	4,441	376	1,428	39	Iowa.
2,624	293	2,433	230	9,304	342	1,695	197	6,199	460	2,207	246	Mo.
370	40	323	30	1,555	53	211	22	758	44	183	5	N. Dak.
422	36	436	28	1,683	48	275	26	1,110	59	268	5	S. Dak.
802	82	971	80	3,273	118	583	54	2,399	158	542	12	Nebr.
1,320	115	1,444	114	4,482	127	939	88	3,530	203	902	28	Kans.
15,028	1,558	13,359	1,305	36,741	1,622	7,251	299	29,692	2,444	8,815	582	S.A.
334	34	264	31	772	85	160	18	851	95	162	9	Del.
1,639	183	1,191	139	5,478	281	832	140	3,284	304	1,328	127	Md.
609	119	336	89	1,417	125	288	62	1,187	184	264	26	D.C.
1,835	206	1,709	180	5,206	225	902	140	3,527	373	1,162	50	Va.
978	97	1,005	84	3,723	91	445	51	1,693	108	573	21	W.Va.
2,481	232	2,397	195	4,709	186	1,026	124	4,564	389	1,365	100	N.C.
1,183	102	1,127	89	2,500	77	660	60	2,741	153	594	22	S.C.
1,972	212	1,957	171	4,062	163	1,182	117	4,117	336	1,278	123	Ga.
3,997	372	3,373	327	8,874	460	1,776	220	7,728	503	2,089	103	Fla.
6,048	585	5,582	483	14,396	501	3,530	345	11,413	815	3,559	187	E.S.C.
1,574	148	1,456	123	4,401	170	820	94	3,519	214	1,010	37	Ky.
1,721	171	1,709	156	4,765	153	1,151	109	3,602	250	1,243	101	Tenn.
1,627	170	1,501	139	3,221	117	916	89	2,605	226	857	32	Ala.
1,126	96	916	65	2,009	61	643	53	1,687	124	440	17	Miss.
9,234	1,036	9,161	828	30,397	1,018	5,824	624	21,086	1,416	5,823	343	W.S.C.
994	80	926	66	2,658	69	624	49	2,360	172	490	15	Ark.
1,586	199	1,410	152	5,707	210	971	106	2,838	199	1,076	68	La.
1,408	133	1,462	116	4,908	144	973	92	2,855	155	701	27	Okla.
5,246	624	5,363	494	17,124	595	3,256	376	13,033	890	3,556	232	Tex.
3,684	381	3,858	378	14,151	609	2,249	319	9,282	603	2,238	127	Mt.
428	43	343	32	2,170	81	201	27	968	63	196	6	Mont.
361	29	449	37	1,577	54	231	29	805	70	276	7	Idaho.
259	20	211	19	789	35	135	10	545	33	91	3	Wyo.
878	93	1,070	102	3,222	152	644	92	2,581	151	559	65	Colo.
463	52	491	46	1,655	72	264	34	1,279	84	232	11	N. Mex.
661	78	698	78	2,610	120	342	58	1,606	96	458	20	Ariz.
411	41	448	47	1,355	56	264	41	954	73	310	12	Utah.
223	27	148	17	773	40	108	23	454	33	116	4	Nev.
13,185	1,459	13,503	1,504	41,130	2,211	5,337	936	29,295	2,300	9,213	620	Pac.
1,463	147	1,659	163	5,007	249	928	123	3,597	373	1,192	99	Wash.
900	91	944	93	3,712	150	552	66	2,439	210	718	52	Oreg.
10,329	1,177	10,572	1,212	30,306	1,724	8,710	723	22,255	1,660	6,958	457	Calif.
128	10	63	9	472	28	44	9	256	21	41	2	Alaska.
365	34	265	27	1,033	60	103	16	748	35	304	10	Hawaii.

Source: Dept. of Commerce, Bureau of the Census; U.S. Census of Business: 1958, Retail Trade, Vol. II.

Distribution and Services

No. 1180. RETAIL TRADE—ESTABLISHMENTS AND SALES, 1954 AND 1958, AND PAYROLL AND PERSONNEL, 1958, BY KIND OF BUSINESS

[Excludes Alaska and Hawaii]

KIND OF BUSINESS	ESTABLISHMENTS			SALES		
	1954	1958		1954	1958	
		Total	With payroll		All establishments	Establishments with payroll
Retail trade, total.....	1,721,650	1,788,325	1,180,641	Mil. dol. 169,968	Mil. dol. 199,646	Mil. dol. 187,090
Lumber, building materials, hardware, farm equipment dealers.....	100,519	108,248	80,644	113,124	14,309	13,736
Lumber, building materials dealers.....	30,177	34,867	27,539	6,503	7,123	6,980
Heating, plumbing, electrical stores.....	7,252	8,548	4,730	514	544	484
Paint, glass, wallpaper stores.....	9,249	11,155	7,825	601	740	675
Hardware stores.....	34,858	34,670	24,522	2,694	2,717	2,482
Farm equipment dealers.....	18,689	19,008	16,028	2,805	3,186	3,115
General merchandise group stores ¹	76,198	86,644	49,698	17,872	21,879	21,085
Department stores.....	2,761	3,157	3,157	10,558	13,359	13,359
Limited price variety stores.....	20,917	21,017	18,139	3,067	3,621	3,565
Food stores ¹	384,616	355,508	189,304	39,762	49,022	44,787
Grocery stores, including delicatessens.....	287,572	250,796	138,176	34,901	43,696	40,425
Meat markets.....	22,896	28,844	16,810	1,944	2,327	2,097
Fish (seafood) markets.....	4,458	4,389	2,107	184	194	155
Fruit stores, vegetable markets.....	13,136	12,689	4,323	455	505	350
Candy, nut, confectionery stores.....	20,507	17,593	6,147	568	528	316
Retail bakeries.....	19,034	19,235	14,483	862	905	826
Automotive dealers.....	185,953	93,656	71,464	129,915	31,808	31,213
Passenger car dealers, franchised.....	41,407	38,555	36,869	25,108	25,326	25,277
Passenger car dealers, nonfranchised.....	20,140	25,331	13,199	2,424	2,983	2,633
Tire, battery, accessory dealers.....	18,845	20,912	15,992	1,814	2,425	2,323
Misc. aircraft, marine, automotive dealers.....	5,307	8,858	5,404	565	1,073	980
Gasoline service stations.....	181,747	206,302	149,004	10,744	14,178	12,640
Apparel, accessory stores ¹	119,743	118,759	97,247	11,078	12,525	12,126
Men's, boys' apparel stores ²	n.a.	n.a.	18,116	n.a.	n.a.	2,370
Women's clothing, specialty stores.....	45,213	44,628	36,786	4,333	4,909	4,781
Family clothing stores ²	n.a.	n.a.	13,551	n.a.	n.a.	2,354
Shop stores.....	23,847	24,437	20,143	1,895	2,130	2,042
Children's, infants' wear stores.....	7,024	7,372	6,010	361	431	405
Furniture, homefurnishings, equipment stores.....	197,607	103,417	72,929	18,994	10,074	9,544
Furniture, home furnishings stores.....	50,729	54,458	39,684	5,374	5,989	5,733
Household appliance stores.....	n.a.	24,224	17,938	n.a.	2,544	2,421
Radio, television stores.....	n.a.	16,761	10,251	n.a.	956	856
Music stores.....	5,810	7,974	5,056	375	586	534
Eating, drinking places.....	1319,657	344,740	254,924	113,101	15,201	13,797
Eating places.....	195,128	229,815	172,701	8,731	11,038	10,220
Drinking places (alcoholic beverages).....	123,887	114,925	82,223	4,360	4,164	3,577
Drug stores, proprietary stores.....	56,009	56,232	50,792	5,252	6,779	6,641
Drug stores.....	n.a.	51,448	47,082	n.a.	6,531	6,413
Proprietary stores.....	n.a.	4,784	3,760	n.a.	248	228
Other retail stores ¹	221,093	240,140	148,338	15,612	18,468	16,834
Liquor stores.....	31,240	37,068	28,040	3,181	4,202	3,888
Book, stationery stores.....	8,115	9,418	6,298	576	679	617
Sporting goods stores, bicycle shops.....	10,013	11,552	6,256	481	624	530
Hay, grain, feed stores.....	16,530	16,782	13,512	3,456	3,117	3,030
Farm, garden supply stores.....	7,262	8,069	5,381	638	928	880
Jewelry stores.....	24,266	23,751	15,223	1,408	1,495	1,367
Fuel, ice dealers.....	27,070	28,559	18,557	2,842	3,473	3,273
Florists.....	16,279	19,176	11,662	496	638	534
Cigar stores, stands.....	6,068	5,336	2,680	233	233	175
News dealers, newsstands.....	7,178	7,539	3,415	248	285	212
Camera, photographic supply stores.....	2,896	3,491	2,839	278	382	364
Gift, novelty, souvenir shops.....	12,149	13,987	7,179	283	389	306
Optical goods stores.....	3,011	2,970	2,664	132	188	183
Typewriter stores.....	2,216	1,808	1,290	117	105	97
Luggage, leather goods stores.....	1,387	1,416	912	79	82	74
Nonstore retailers.....	78,508	74,679	16,297	4,514	5,401	4,687
Mail-order houses.....	2,019	2,560	1,502	1,605	1,986	1,971
Merchandise vending machine operators.....	5,715	8,152	3,524	636	842	754
Direct selling (house-to-house) organizations.....	70,774	68,977	11,271	2,273	2,574	1,962

See footnotes at end of table.

No. 1180. RETAIL TRADE—ESTABLISHMENTS AND SALES, 1954 AND 1958, AND PAYROLL AND PERSONNEL, 1958, BY KIND OF BUSINESS—Continued

KIND OF BUSINESS	Payroll, entire year, 1958	PAYROLL, WORKWEEK ENDED NEAREST NOV. 15, 1958		PAID EMPLOYEES, WORKWEEK ENDED NEAREST NOV. 15, 1958		Active proprietors of unincor- porated businesses, 1958
		Total	Full work- week	Total	Full work- week	
Retail trade, total	\$1,000 21,589,339	\$1,000 412,650	\$1,000 381,741	7,911,081	6,478,122	1,818,666
Lumber, building materials, hardware, farm equipment dealers	1,597,147	30,006	29,032	445,403	408,771	99,274
Lumber, building materials dealers	835,413	15,563	15,091	212,456	197,050	25,261
Heating, plumbing, electrical stores	89,751	1,715	1,656	23,694	21,870	8,862
Paint, glass, wallpaper stores	97,887	1,857	1,798	27,837	25,265	9,454
Hardware stores	298,178	5,690	5,397	100,372	86,934	35,877
Farm equipment dealers	275,918	5,181	5,090	81,044	77,652	19,820
General merchandise group stores ¹	3,231,628	63,469	55,959	1,326,671	989,995	79,421
Department stores	2,217,918	44,062	39,352	807,721	633,412	177
Limited price variety stores	574,881	10,835	8,816	325,654	206,907	14,768
Food stores	3,146,424	60,147	52,587	1,183,633	845,670	380,058
Grocery stores, including delicatessens	2,649,356	50,541	43,921	976,439	684,097	274,790
Meat markets	168,153	3,174	2,912	56,043	44,824	27,777
Fish (seafood) markets	11,286	226	205	5,444	4,311	4,969
Fruit stores, vegetable markets	29,214	554	505	12,667	10,149	14,728
Candy, nut, confectionery stores	40,180	765	630	22,830	15,801	18,550
Retail bakeries	190,984	3,763	3,410	83,532	66,093	20,485
Automotive dealers	3,029,827	55,926	55,209	720,877	696,179	82,995
Passenger car dealers, franchised	2,484,510	45,667	45,272	565,688	553,709	28,308
Passenger car dealers, nonfranchised	154,317	2,817	2,750	44,236	41,700	28,096
Tire, battery, accessory dealers	316,661	6,082	5,869	90,718	81,852	17,983
Misc. aircraft, marine, automotive dealers	74,339	1,359	1,318	20,235	18,828	8,608
Gasoline service stations	1,132,597	22,427	20,470	465,550	378,438	233,922
Apparel, accessory stores ¹	1,704,416	32,094	29,346	648,703	509,715	100,911
Men's, boys' apparel stores ²	340,299	6,211	5,824	102,181	84,038	n.a.
Women's clothing specialty stores	699,839	13,470	12,312	285,936	230,566	33,503
Family clothing stores	311,333	5,840	5,284	132,770	100,504	11,547
Shoe stores	281,085	5,127	4,633	94,853	68,804	16,300
Children's, infants' wear stores	41,062	825	712	22,391	16,599	7,938
Furniture, home furnishings, equipment stores	1,384,563	25,797	24,966	392,743	358,987	96,911
Furniture, home furnishings stores	866,993	15,964	15,520	236,645	218,913	51,062
Household appliance stores	325,347	6,153	5,929	96,053	87,624	20,309
Radio, television stores	116,463	2,237	2,139	35,804	31,346	17,644
Music stores	75,760	1,444	1,377	24,241	21,104	7,896
Eating, drinking places	3,018,692	58,891	54,270	1,575,667	1,317,906	382,856
Eating places	2,480,808	48,149	44,513	1,312,587	1,105,067	257,602
Drinking places (alcoholic beverages)	537,884	10,742	9,757	263,080	212,839	125,254
Drug stores, proprietary stores	875,147	16,420	14,824	347,627	269,761	53,127
Drug stores	853,426	16,012	14,464	334,264	259,045	47,998
Proprietary stores	21,721	408	360	13,363	10,116	5,134
Other retail stores ¹	1,737,599	32,959	31,347	580,509	505,545	233,458
Liquor stores	225,385	4,302	3,979	80,829	66,590	34,830
Book, stationery stores	99,569	1,860	1,731	34,206	28,152	8,994
Sporting goods stores, bicycle shops	60,699	1,139	1,072	20,337	17,327	12,160
Hay, grain, feed stores	178,404	3,359	3,270	58,083	54,226	13,586
Farm, garden supply stores	71,506	1,348	1,297	23,778	18,977	7,710
Jewelry stores	225,950	4,222	4,064	68,727	61,842	22,078
Fuel, ice dealers	303,906	7,521	7,317	109,988	102,614	25,015
Florists	96,666	1,820	1,664	39,087	31,750	21,514
Cigar stores, stands	15,423	300	275	7,351	6,012	5,450
News dealers, newsstands	19,964	302	330	12,253	8,920	7,362
Camera, photographic supply stores	41,757	785	749	12,851	11,377	3,016
Gift, novelty, souvenir shops	37,146	755	673	18,905	14,856	15,210
Optical goods stores	46,483	839	824	11,331	10,833	2,457
Typewriter stores	18,252	349	341	5,368	5,044	1,871
Luggage, leather goods stores	10,767	204	193	3,668	3,173	1,263
Nonsotre retailers	731,299	14,514	13,732	223,698	197,155	75,733
Mail-order houses	272,398	5,795	5,243	98,206	81,254	2,186
Merchandise vending machine opera- tors	74,923	1,438	1,406	10,930	18,903	7,786
Direct selling (house-to-house) organiza- tions	383,978	7,281	7,083	105,562	96,908	65,761

n.a. Not available. ¹ Group totals include kinds of business not shown separately. ² Excludes custom tailors.

Source: Dept. of Commerce, Bureau of the Census; U.S. Census of Business: 1958, Retail Trade, Vol. I.

Distribution and Services

No. 1181. RETAIL TRADE—MERCHANTISE INVENTORIES, 1960 TO 1963, AND SALES-INVENTORY RATIOS, 1962 AND 1963, BY KIND OF BUSINESS

[Inventories in millions of dollars. As of December 31. Includes Alaska and Hawaii. Based on sample; see source for sampling variability]

KIND OF BUSINESS	MERCHANTISE INVENTORIES AT COST						SALES-INVENTORY RATIOS ¹			
	All retail stores			Organizations operating 11 or more retail stores			All retail stores		Organizations operating 11 or more stores ²	
	1960	1962	1963	1960	1962	1963	1962	1963	1962	1963
Total	24,667	25,642	27,034	5,689	6,531	7,001	5,102	5,535	9.2	11.1
Food group										
Grocery stores	2,613	2,817	2,939	1,358	1,547	1,654	969	1,039	20.8	20.6
Eating and drinking places	2,456	2,664	2,777	1,335	1,519	1,623	951	1,018	19.9	19.7
General merchandise group	425	413	448	32	n.a.	n.a.	41.4	40.5	24.3	23.6
Department stores and dry goods, general merchandise stores	3,632	4,216	4,491	2,274	2,721	2,957	2,442	2,681	6.8	7.4
Department stores	2,446	2,081	2,335	1,475	1,771	1,900	1,564	1,787	7.2	7.1
Variety stores	1,757	2,221	2,833	1,264	1,515	1,705	1,330	1,229	7.9	8.1
Mail-order houses (department store merchandise)	249	307	321	513	649	649	585	584	6.5	6.4
Apparel group	3,094	3,315	3,389	646	708	742	618	651	4.6	4.5
Men's, boys' clothing, and furnishings stores	710	779	820	100	98	100	88	89	3.5	3.4
Woman's ready-to-wear stores	745	743	797	157	176	188	161	174	6.2	6.4
Shoe stores	679	706	694	231	260	266	221	227	3.6	3.8
Furniture and appliance group	1,834	1,795	1,910	181	176	178	110	113	5.6	5.9
Furniture, homefurnishings stores	1,247	1,247	1,291	n.a.	n.a.	n.a.	n.a.	n.a.	5.1	5.2
Furniture stores	1,004	975	990	53	n.a.	n.a.	n.a.	n.a.	7.0	6.6
Household appliance, TV, radio stores	558	548	619	n.a.	n.a.	n.a.	n.a.	n.a.	7.4	7.0
Household appliance dealers	399	379	430	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Lumber, building, hardware, farm equipment group	3,344	3,240	3,293	264	274	292	226	241	4.5	4.7
Lumber, yards, building materials dealers, paint, plumbing, electrical stores	1,467	1,416	1,458	183	178	188	167	174	5.7	5.9
Lumber yards	1,028	1,000	1,016	132	133	138	120	132	3.4	3.5
Hardware stores	845	818	826	n.a.	n.a.	n.a.	n.a.	n.a.	3.9	3.9
Farm equipment dealers	1,032	1,006	1,009	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Automotive group	4,818	4,697	5,282	n.a.	n.a.	n.a.	n.a.	n.a.	9.0	8.7
Passenger car dealers	4,114	3,927	4,387	n.a.	n.a.	n.a.	n.a.	n.a.	9.7	9.4
Passenger car dealers (franchised)	3,815	3,547	3,987	n.a.	n.a.	n.a.	n.a.	n.a.	9.4	9.4
Tire, battery, accessory dealers	438	481	527	244	282	303	201	232	5.4	5.1
Gasoline service stations	775	804	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	5.3	4.7
Other retail stores	4,146	4,374	4,578	n.a.	n.a.	n.a.	n.a.	n.a.	23.6	23.9
Drug and proprietary stores	1,284	1,344	1,399	252	295	324	224	243	7.5	7.6
Liquor stores	532	596	612	164	174	174	90	96	6.2	6.0
Jewelry stores	494	478	474	n.a.	n.a.	n.a.	n.a.	n.a.	9.8	13.4
									13.2	13.2

¹ Based on store inventories only (excludes warehouse inventories).Source: Dept. of Commerce, Bureau of the Census; *Annual Retail Trade Report*.

No. 1182. RETAIL TRADE—ESTABLISHMENTS AND SALES, SMSA's: 1958

[For definition of standard metropolitan statistical area, see table 10, p. 14. Data refer to 189 SMSA's as defined in 1959; certain of these differ to some extent from those in table 10. Discrepancies in figures identified after the tabulation process was completed have been corrected only at the level significantly affected; hence, detail may not add to total.]

STANDARD METROPOLITAN STATISTICAL AREA	ESTABLISHMENTS		Sales (mil. dol.)	STANDARD METROPOLITAN STATISTICAL AREA	ESTABLISHMENTS		Sales (mil. dol.)
	Total	With payroll			Total	With payroll	
Total, 189 areas	1,019,374	683,948	133,474	Fall River (Mass.) area	1,601	991	144
Akron (Ohio) area	4,071	2,905	607	Fitchburg-Leominster (Mass.) area	906	618	95
Albany-Schenectady-Troy (N.Y.) area	7,284	4,644	826	Flint (Mich.) area	3,074	2,384	425
Albuquerque (N. Mex.) area	2,051	1,417	309	Fort Smith (Ark.) area	942	620	97
Allentown-Bethlehem-Easton (Pa.) area	5,628	3,342	550	Fort Wayne (Ind.) area	1,783	1,333	299
Altoona (Pa.) area	1,412	932	132	Fort Worth (Tex.) area	5,106	3,328	745
Amarillo (Tex.) area	1,408	974	211	Fresno (Calif.) area	3,955	2,617	492
Anderson (Ind.) area	1,211	841	135	Gadsden (Ala.) area	823	531	81
Ann Arbor (Mich.) area	1,278	1,032	185	Galveston-Texas City (Tex.) area	1,583	1,091	152
Ashville (N.C.) area	1,165	807	153	Gary-Hammond-East Chicago (Ind.) area	4,585	3,337	633
Atlanta (Ga.) area	7,721	5,249	1,229	Grand Rapids (Mich.) area	8,259	2,355	431
Atlantic City (N.J.) area	3,000	1,854	240	Green Bay (Wis.) area	1,397	905	159
Augusta (Ga.) area	1,852	1,172	191	Greensboro-High Point (N.C.) area	2,186	1,482	306
Austin (Tex.) area	1,774	1,292	219	Greenville (S.C.) area	1,910	1,186	206
Bakersfield (Calif.) area	2,936	2,044	377	Hamilton-Middletown (Ohio) area	1,666	1,182	190
Baltimore (Md.) area	15,720	10,368	1,956	Harrisburg (Pa.) area	3,474	2,330	417
Baton Rouge (La.) area	1,774	1,260	278	Hartford (Conn.) area	4,916	3,430	725
Bay City (Mich.) area	1,065	765	116	Honolulu (Hawaii) area	3,481	2,313	1,424
Beaumont-Port Arthur (Tex.) area	2,872	2,024	350	Houston (Tex.) area	11,112	7,522	1,545
Binghamton (N.Y.) area	2,073	1,459	257	Huntington (W. Va.)-Ashland (Ky.) area	2,563	1,551	266
Birmingham (Ala.) area	5,097	3,375	659	Indianapolis (Ind.) area	5,794	4,288	943
Boston (Mass.) area	24,692	17,054	3,441	Jackson (Mich.) area	1,196	874	144
Bridgeport (Conn.) area	3,380	2,202	301	Jackson (Miss.) area	1,601	1,099	211
Brooklyn (Mass.) area	1,419	939	162	Jacksonville (Fla.) area	3,860	2,596	523
Buffalo (N.Y.) area	13,328	8,628	1,521	Jersey City (N.J.) area	7,970	4,678	640
Canton (Ohio) area	3,267	2,301	377	Johnstown (Pa.) area	2,823	1,689	265
Cedar Rapids (Iowa) area	1,142	858	181	Kalamazoo (Mich.) area	1,374	1,074	205
Champaign-Urbana (Ill.) area	978	786	142	Kansas City (Mo.) area	8,624	6,070	1,440
Charleston (S.C.) area	1,743	1,181	181	Kenosha (Wis.) area	1,040	686	98
Charleston (W. Va.) area	2,305	1,487	280	Knoxville (Tenn.) area	3,031	2,025	357
Charlotte (N.C.) area	2,514	1,608	344	Lancaster (Pa.) area	2,882	1,948	309
Chattanooga (Tenn.) area	2,697	1,773	328	Lansing (Mich.) area	2,628	1,950	363
Chicago (Ill.) area	55,087	35,345	8,398	Laredo (Tex.) area	531	353	60
Cincinnati (Ohio) area	10,149	7,003	1,271	Lawrence-Haverhill (Mass.) area	2,149	1,413	224
Cleveland (Ohio) area	15,843	10,853	2,249	Lewiston-Auburn (Maine) area	763	551	86
Columbia (S.C.) area	2,211	1,425	232	Lima (Ohio) area	1,138	826	170
Columbus (Ga.) area	1,706	1,120	181	Lincoln (Neb.) area	1,073	793	128
Columbus (Ohio) area	5,373	3,959	853	Little Rock-North Little Rock (Ark.) area	1,148	878	183
Corpus Christi (Tex.) area	2,079	1,513	255	Lorain-Elyria (Ohio) area	2,599	1,579	279
Dallas (Tex.) area	9,660	6,704	1,473	Los Angeles-Long Beach (Calif.) area	1,718	1,264	201
Davenport (Iowa)-Rock Island-Moline (Ill.) area	2,620	1,916	328	Louisville (Ky.) area	57,725	38,633	9,039
Dayton (Ohio) area	5,198	3,826	766	Lowell (Mass.) area	6,431	4,473	820
Decatur (Ill.) area	1,052	810	157	Lubbock (Tex.) area	1,383	911	154
Denver (Colo.) area	7,241	5,307	1,183	Lynchburg (Va.) area	1,473	993	214
Des Moines (Iowa) area	2,644	1,938	374	Macon (Ga.) area	918	668	108
Detroit (Mich.) area	30,742	22,118	4,448	Madison (Wis.) area	1,401	985	170
Dubuque (Iowa) area	823	577	96	Manchester (N.H.) area	2,079	1,507	265
Duluth (Minn.)-Superior (Wis.) area	2,938	2,022	312	Memphis (Tenn.) area	1,146	766	134
Durham (N.C.) area	936	652	113	Miami (Fla.) area	4,932	3,582	704
E1 Paso (Tex.) area	2,159	1,489	324		9,839	6,835	1,369
Erie (Pa.) area	2,582	1,640	278				
Evansville (Ind.) area	2,041	1,443	239				

¹ Corrected figure.

No. 1182. RETAIL TRADE—ESTABLISHMENTS AND SALES, SMSA'S:
1958—Continued

STANDARD METROPOLITAN STATISTICAL AREA	ESTABLISH- MENTS		Sales (mil. dol.)	STANDARD METROPOLITAN STATISTICAL AREA	ESTABLISH- MENTS		Sales (mil. dol.)
	Total	With pay- roll			Total	With pay- roll	
Milwaukee (Wis.) area-----	11,551	7,465	1,422	San Jose (Calif.) area-----	4,669	3,871	733
Minneapolis-St. Paul (Minn.) area-----	11,432	8,192	1,871	Santa Barbara (Calif.) area-----	1,495	1,103	207
Mobile (Ala.) area-----	2,140	1,514	298	Savannah (Ga.) area-----	1,622	1,114	192
Montgomery (Ala.) area-----	1,178	856	168	Scranton (Pa.) area-----	3,342	1,678	257
Muncie (Ind.) area-----	1,038	756	116	Seattle (Wash.) area-----	10,032	6,810	1,444
Muskegon—Muskegon Heights (Mich.) area-----	1,307	985	156	Shreveport (La.) area-----	2,392	1,556	296
Nashville (Tenn.) area-----	3,346	2,342	481	Sioux City (Iowa) area-----	1,101	835	150
New Bedford (Mass.) area-----	1,722	1,072	150	Sioux Falls (S. Dak.) area-----	990	707	120
New Britain (Conn.) area-----	1,331	879	143	South Bend (Ind.) area-----	2,080	1,642	274
New Haven (Conn.) area-----	3,664	2,322	405	Spokane (Wash.) area-----	2,447	1,703	367
New Orleans (La.) area-----	7,593	4,519	964	Springfield (Ill.) area-----	1,566	1,104	205
New York (N.Y.) area-----	115,043	75,309	13,582	Springfield (Mo.) area-----	1,485	963	158
Newark (N.J.) area-----	18,352	11,670	2,236	Springfield (Ohio) area-----	1,169	837	144
Newport News-Hampton (Va.) area-----	1,542	1,194	211	Springfield-Holyoke (Mass.) area-----	4,745	3,161	564
Norfolk-Portsmouth (Va.) area-----	4,074	3,166	563	Stamford (Conn.) area-----	1,902	1,344	265
Ogden (Utah) area-----	804	602	119	Steubenville (Ohio)-Weirton (W. Va.) area-----	1,753	1,153	161
Oklahoma City (Okla.) area-----	4,687	3,103	575	Stockton (Calif.) area-----	2,592	1,776	301
Omaha (Nebr.) area-----	3,604	2,762	549	Syracuse (N.Y.) area-----	5,454	3,682	658
Orlando (Fla.) area-----	2,679	1,719	361	Tacoma (Wash.) area-----	2,682	1,844	333
Paterson-Clifton-Passaic (N.J.) area-----	12,373	7,581	1,451	Tampa-St. Petersburg (Fla.) area-----	7,395	4,723	919
Pensacola (Fla.) area-----	1,566	1,040	198	Terre Haute (Ind.) area-----	1,183	803	137
Pearl (Ill.) area-----	2,734	2,002	346	Toledo (Ohio) area-----	4,286	3,012	560
Philadelphia (Pa.) area-----	43,052	26,742	4,943	Topeka (Kans.) area-----	1,274	936	169
Phoenix (Ariz.) area-----	5,417	3,711	733	Trenton (N.J.) area-----	3,227	1,931	361
Pittsburgh (Pa.) area-----	22,048	14,592	2,638	Tucson (Ariz.) area-----	2,175	1,519	259
Pittsfield (Mass.) area-----	730	540	98	Tulsa (Okla.) area-----	3,706	2,478	474
Portland (Maine) area-----	1,363	981	178	Utica-Rome (N.Y.) area-----	3,734	2,370	363
Portland (Oreg.) area-----	7,657	5,183	1,039	Waco (Tex.) area-----	1,612	1,074	168
Providence (R.I.) area-----	1,9,236	5,426	901	Washington (D.C.) area-----	11,609	9,251	2,502
Pueblo (Colo.) area-----	977	695	120	Waterbury (Conn.) area-----	1,987	1,251	203
Racine (Wis.) area-----	1,442	994	160	Waterloo (Iowa) area-----	1,076	836	145
Raleigh (N.C.) area-----	1,464	1,002	185	West Palm Beach (Fla.) area-----	2,682	1,872	321
Reading (Pa.) area-----	3,237	2,001	300	Wheeling (W. Va.)-(Ohio) area-----	2,276	1,478	207
Richmond (Va.) area-----	3,501	2,563	524	Wichita (Kans.) area-----	3,145	2,317	434
Roanoke (Va.) area-----	1,411	1,017	193	Wichita Falls (Tex.) area-----	1,188	864	156
Rochester (N.Y.) area-----	4,983	3,401	707	Wilkes-Barre-Hazleton (Pa.) area-----	1,509	1,2405	1,365
Rockford (Ill.) area-----	1,798	1,302	253	Wilmington (Del.) area-----	3,507	2,405	456
Sacramento (Calif.) area-----	3,815	2,677	618	Winston-Salem (N.C.) area-----	1,545	991	194
Saginaw (Mich.) area-----	1,622	1,196	212	Worcester (Mass.) area-----	2,989	2,063	364
St. Joseph (Mo.) area-----	1,025	707	116	York (Pa.) area-----	2,681	1,769	271
St. Louis (Mo.) area-----	19,404	12,788	2,381	Youngstown (Ohio) area-----	4,668	3,196	555
Salt Lake City (Utah) area-----	2,890	2,142	460	STANDARD CONSOLIDATED AREAS			
San Angelo (Tex.) area-----	807	505	82	Chicago, Ill.-Northwestern Ind. area-----	59,672	38,682	9,031
San Antonio (Tex.) area-----	5,678	3,680	690	New York-Northeastern New Jersey area-----	159,483	102,471	18,490

¹ Corrected figure.

Source: Dept. of Commerce, Bureau of the Census; U.S. Census of Business: 1958, Retail Trade, Vol. II.

Department Stores

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No. 1183. DEPARTMENT STORE MERCHANDISING SUMMARY: 1940 TO 1963

[In millions of dollars, except ratios. Excludes Alaska and Hawaii. These figures are actual dollar amounts reported by a group of department stores located in various cities throughout the country and are *not* estimates for all department stores. Receipts of goods are derived from reported figures on sales and stocks. New orders are derived from receipts and reported figures on outstanding orders]

MONTHLY AVERAGE	Sales (total for month)	Stocks (end of month)	Outstand- ing orders (end of month)	Re- ceipts (total for month)	New orders (total for month)	RATIOS				
						Stocks to sales	Out- stand- ing orders to sales	Out- stand- ing orders to stocks	Stocks plus out- standing orders to sales	Re- ceipts to sales
1940-----	147	379	115	148	n.a.	2.7	0.8	0.3	3.6	1.0
1945-----	276	604	775	277	291	2.3	3.0	1.3	5.3	1.0
1950-----	376	1,012	495	391	401	2.8	1.4	0.5	4.2	1.1
1955-----	437	1,195	446	444	449	2.9	1.1	0.4	4.0	1.0
1958-----	462	1,323	437	462	464	3.0	1.0	0.3	4.1	1.0
1959-----	488	1,391	510	495	498	3.0	1.1	0.4	4.1	1.1
1960-----	494	1,474	518	496	493	3.1	1.1	0.4	4.3	1.0
1961-----	506	1,485	529	512	517	3.1	1.1	0.4	4.2	1.0
1962-----	524	1,590	569	530	529	3.2	1.2	0.4	4.4	1.1
1963-----	539	1,655	592	544	545	3.3	1.2	0.4	4.5	1.0

n.a. Not available.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

No. 1184. DEPARTMENT STORE SALES AND STOCKS—INDEXES, BY FEDERAL RESERVE DISTRICT: 1950 TO 1964

[1957-59=100. Based on retail value figures. All monthly data adjusted for seasonal variation; sales data also adjusted for number of trading days. Data for stocks are as of end of month or are annual averages. See *Historical Statistics, Colonial Times to 1957*, series T 359-360, for U.S. totals on 1947-49 base]

YEAR OR MONTH	United States ¹	FEDERAL RESERVE DISTRICT											
		Bos- ton	New York	Phi- la- del- phia	Clev- eland	Rich- mond	At- lanta	Chi- cago	St. Louis	Min- neapo- lis	Kan- sas City	Dal- las	San Fran- cisco
SALES													
1950-----	72	76	71	80	80	68	59	82	73	76	70	64	65
1955-----	88	91	80	93	92	89	81	95	90	85	88	84	82
1956-----	94	96	89	97	96	95	90	99	96	93	93	92	91
1957-----	96	96	95	98	98	97	94	100	97	97	94	96	93
1958-----	99	99	100	99	98	98	99	97	98	99	99	99	98
1959-----	105	104	105	104	104	105	107	104	104	104	107	105	109
1960-----	106	106	108	104	108	105	107	104	103	106	108	100	110
1961-----	109	112	112	107	110	108	110	105	104	108	111	102	115
1962-----	114	114	116	111	113	113	118	110	109	109	114	108	123
1963-----	119	118	121	111	116	119	127	115	112	113	118	112	129
1964: January-----	123	120	121	113	121	123	134	119	119	119	120	117	135
STOCKS													
1950-----	69	73	68	71	80	62	62	75	75	71	66	57	63
1955-----	85	88	78	87	86	90	86	89	93	88	90	79	81
1956-----	94	96	89	95	93	99	98	97	102	98	99	91	92
1957-----	99	97	97	99	102	100	102	100	103	102	100	99	96
1958-----	98	99	99	98	97	96	97	97	98	97	98	98	97
1959-----	103	104	104	103	101	104	101	103	99	101	103	104	107
1960-----	109	108	110	105	113	108	107	108	103	108	109	106	114
1961-----	110	111	109	105	112	110	108	109	111	108	111	103	115
1962-----	117	116	115	112	116	118	118	119	117	113	113	112	126
1963-----	123	120	120	112	125	121	127	125	121	116	119	117	132
1964: January-----	127	124	123	115	134	128	125	123	116	126	122	128	140

¹ Excludes Alaska and Hawaii.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

Distribution and Services

No. 1185. WHOLESALE TRADE—SALES, STOCKS, AND STOCK-SALES RATIOS: 1948 TO 1963

[In billions of dollars, except ratios. Beginning 1961, includes Alaska and Hawaii. Data represent sales and stocks of merchant wholesalers. See *Historical Statistics, Colonial Times to 1957*, series T 208-210 for sales]

YEAR	ALL ESTABLISHMENTS ¹			DURABLE GOODS ESTABLISHMENTS			NONDURABLE GOODS ESTABLISHMENTS ¹		
	Sales ²	Stocks, end of year ³	Stock- sales ratio ⁴	Sales ²	Stocks, end of year ³	Stock- sales ratio ⁴	Sales ²	Stocks, end of year ³	Stock- sales ratio ⁴
1948	74.1	7.4	1.18	31.1	4.0	1.42	48.0	3.5	1.00
1949	70.5	7.1	1.24	29.0	3.8	1.61	41.5	3.3	0.97
1950	83.6	8.5	1.07	37.7	4.7	1.29	45.9	3.8	0.90
1951	92.7	9.2	1.19	42.2	5.2	1.47	50.4	4.0	0.96
1952	94.1	9.3	1.16	41.9	5.3	1.47	52.2	4.0	0.91
1953	98.0	9.7	1.19	44.1	5.5	1.52	53.9	4.2	0.91
1954	97.5	9.5	1.19	42.6	5.5	1.54	54.9	4.1	0.91
1955	108.9	10.8	1.11	51.4	6.8	1.36	57.5	4.5	0.89
1956	116.3	12.0	1.18	56.3	7.1	1.43	60.0	4.9	0.95
1957	115.3	11.8	1.22	53.8	7.1	1.58	61.6	4.7	0.91
1958	118.1	11.8	1.23	50.4	7.2	1.66	62.7	4.6	0.89
1959	125.7	12.8	1.18	58.8	7.9	1.55	66.9	4.9	0.87
1960	125.6	12.9	1.25	56.8	7.9	1.70	68.9	5.0	0.88
1961	127.7	13.1	1.21	56.9	8.0	1.65	70.7	5.2	0.86
1962	134.2	13.6	1.18	60.3	8.1	1.60	74.0	5.4	0.84
1963	140.0	14.2	1.19	62.9	8.4	1.57	77.1	5.8	0.87

¹ Excludes merchant wholesalers of farm products and raw materials. ² Annual totals.

³ Seasonally adjusted. ⁴ Ratio of average stocks to average monthly sales. Average stocks based on weighted averages of end-of-month figures.

Source: Dept. of Commerce, Office of Business Economics and Bureau of the Census. In *Survey of Current Business* and *Monthly Wholesale Trade Report*.

No. 1186. WHOLESALE TRADE—SIZE OF ESTABLISHMENT AND LEGAL FORM OF ORGANIZATION: 1958

[Excludes Alaska and Hawaii]

ITEM	Establishments	Sales	Payroll, entire year	ITEM	Establishments	Sales	Payroll, entire year
SALES SIZE¹							
Merchant whole- salers-----	189,728	Mil. dol. 121,661	\$1,000 8,243,994	EMPLOYMENT SIZE— Continued			
Operated entire year— With annual sales of—	184,679	119,910	8,128,370	All establish- ments—Con.			
Less than \$50,000—	32,276	807	105,451	With Nov. 15 employ- ment of—Con.			
\$50,000 to \$99,000—	26,347	1,950	226,129	4 or 5 paid employees.	37,907	20,639	\$1,000 775,835
\$100,000 to \$199,000—	34,289	4,993	506,296	6 or 7 paid employees.	24,670	17,306	749,181
\$200,000 to \$299,000—	20,010	4,955	493,461	8 or 9 paid employees.	16,811	15,239	677,996
\$300,000 to \$499,000—	22,962	8,991	850,662	10 to 19 paid employ- ees-----	38,251	51,457	2,494,072
\$500,000 to \$999,000—	23,545	16,743	1,455,966	20 to 49 paid employ- ees-----	23,658	64,448	3,398,292
\$1,000,000 to \$1,999,000-----	14,384	20,152	1,524,396	50 to 99 paid employ- ees-----	5,705	37,655	1,886,919
\$2,000,000 to \$4,999,000-----	7,778	23,589	1,519,702	100 paid employees or more-----	2,412	41,559	2,262,892
\$5,000,000 to \$9,999,000-----	2,112	14,455	741,042	LEGAL FORM OF ORGANIZATION			
\$10,000,000 and over— Not operated entire year-----	976	23,276	705,274	All establish- ments-----	285,996	284,971	13,198,744
EMPLOYMENT SIZE				Individual proprie- torships-----	78,428	24,335	977,028
All establish- ments-----	285,996	284,971	13,198,744	Partnerships-----	37,601	25,625	903,904
With Nov. 15 employ- ment of—				Corporations-----	162,184	225,124	10,997,160
1 paid employee-----	71,327	12,552	253,271	Cooperatives-----	7,005	8,002	285,052
2 paid employees-----	34,997	11,681	298,366	Other legal forms-----	778	885	35,600
3 paid employees-----	30,258	12,434	400,917				

¹ Available for merchant wholesalers only.

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Business: 1958, Wholesale Trade*, Vol. III

No. 1187. MERCHANT WHOLESALERS—ESTIMATED SALES, BY KIND OF BUSINESS:
1960 TO 1964

[In millions of dollars. Includes Alaska and Hawaii. Totals include data for some kinds of business not shown separately]

KIND OF BUSINESS	1960	1961	1962	1963		1964, ¹ 1st quar- ter
				Total	1st quar- ter	
Merchant wholesalers	137,281	139,549	145,893	152,302	35,001	37,950
Durable goods	56,803	56,905	60,258	62,924	14,259	15,533
Motor vehicles, automotive equipment	7,883	7,803	8,437	9,303	2,120	2,242
Electrical goods	8,650	8,650	9,138	9,356	2,162	2,319
Furniture, home furnishings	2,910	2,931	3,048	3,100	722	804
Hardware, plumbing, heating equipment, supplies	6,422	6,290	6,595	6,830	1,453	1,549
Lumber, construction materials	6,680	6,552	6,824	7,239	1,473	1,608
Machinery, equipment, supplies	14,287	14,404	16,204	16,646	3,914	4,206
Metals, metalwork (except scrap)	5,708	5,851	6,033	6,228	1,428	1,665
Scrap, waste materials	3,296	3,446	3,060	3,282	783	909
Jewelry	960	978	922	932	192	231
Nondurable goods	80,477	82,645	85,635	89,377	20,742	22,417
Groceries and related products	27,661	28,690	30,414	31,622	7,454	8,168
Beer, wine, distilled alcoholic beverages	7,424	7,636	7,998	8,463	1,776	1,926
Drugs, chemicals, allied products	5,370	5,485	5,678	5,890	1,413	1,462
Tobacco, tobacco products	4,184	4,279	4,527	4,643	1,067	1,092
Dry goods, apparel	6,975	6,833	7,239	7,290	1,756	1,864
Paper, paper products (excluding wallpaper)	4,153	4,275	4,417	4,520	1,047	1,164
Farm products (raw materials)	11,683	11,899	11,756	12,266	2,719	3,124
Other nondurable goods	13,346	13,561	13,547	14,598	3,472	3,616

¹ Preliminary estimate.

² Data corrected only at level significantly affected; hence, detail will not add to total.

Source: Dept. of Commerce, Bureau of the Census; *Monthly Wholesale Trade Report*.

No. 1188. MERCHANT WHOLESALERS—INVENTORIES AND STOCK-SALES RATIOS:
1960 TO 1964

[Includes Alaska and Hawaii. Totals include data for some kinds of business not shown separately]

KIND OF BUSINESS	INVENTORIES ¹ (\$1,000,000)				STOCK-SALES RATIOS (percent)			
	1960	1962	1963		1964, ² March	1960	1962	1963
			End of year	March				
Merchant wholesalers ³	12,538	13,225	13,925	13,570	14,218	123	119	116
Durable goods	7,662	7,910	8,230	8,202	8,525	175	167	161
Motor vehicles, automotive equipment	1,165	1,232	1,314	1,320	1,345	198	178	170
Electrical goods	1,118	1,184	1,209	1,238	1,279	147	144	141
Hardware, plumbing, heating equip., supplies	988	997	1,033	1,096	1,145	218	207	201
Machinery, equipment, supplies	2,187	2,242	2,345	2,311	2,420	189	180	175
Metals, metalwork (except scrap)	904	895	965	864	944	205	200	192
Nondurable goods ³	4,875	5,315	5,695	5,368	5,694	83	83	83
Groceries and related products	1,322	1,431	1,600	1,488	1,682	57	57	58
Beer, wine, distilled alcoholic beverages	664	707	746	698	708	84	84	81
Drugs, chemicals, allied products	568	637	685	662	669	137	143	142
Paper, paper products, excluding wall- paper	373	387	411	370	407	107	116	107

¹ As of end of year, except as noted.

² Preliminary estimate.

³ Excludes farm products (raw materials) merchants.

Source: Dept. of Commerce, Bureau of the Census; *Monthly Wholesale Trade Report*.

Distribution and Services

No. 1189. WHOLESALE ESTABLISHMENTS

STATE	1954 ¹						Merchant whole-salers	
	Total wholesale trade					Establishments		
	Establishments	Sales	Payroll, entire year	Payroll, workweek ended nearest Nov. 15	Paid em-ployees, workweek ended nearest Nov. 15			
United States	253,096	Mil. dol. 235,651	Mil. dol. 11,065	\$1,000 216,978	2,801,103	151,631	165,698	Mil. dol. 101,436
New England	14,454	11,686	648	12,253	152,921	6,307	11,006	5,566
Maine	1,314	664	41	766	12,039	573	922	359
New Hampshire	615	308	20	360	5,099	259	451	178
Vermont	423	180	12	220	3,294	214	279	96
Massachusetts	7,934	7,504	386	7,301	87,481	3,313	6,041	3,322
Rhode Island	1,255	925	49	926	12,554	582	1,053	478
Connecticut	2,912	2,115	140	2,680	32,454	1,366	2,200	1,132
Middle Atlantic	59,985	68,691	2,994	57,038	629,148	34,933	46,966	30,475
New York	38,003	49,378	1,930	36,469	385,121	20,248	29,990	21,877
New Jersey	6,909	5,918	357	6,878	78,329	3,859	5,697	3,040
Pennsylvania	16,073	13,395	706	13,691	165,698	10,826	11,279	5,558
East North Central	49,397	51,055	2,411	46,922	522,134	29,252	31,146	19,342
Ohio	11,973	12,626	621	12,163	135,067	6,198	7,833	4,607
Indiana	5,881	4,383	224	4,251	52,520	3,614	3,399	1,832
Illinois	16,403	20,300	800	17,300	186,178	10,117	10,462	7,627
Michigan	9,441	10,087	479	9,308	99,793	6,327	6,174	3,665
Wisconsin	5,609	3,569	197	3,900	47,376	2,996	3,288	1,611
West North Central	39,382	23,747	897	19,643	249,843	18,194	13,205	9,015
Minnesota	6,090	5,486	242	4,761	57,620	3,500	2,833	2,253
Iowa	5,641	3,742	139	2,689	37,776	3,837	2,184	1,295
Missouri	7,604	8,210	380	7,433	88,405	4,488	4,377	3,248
North Dakota	2,074	816	33	695	8,961	854	416	253
South Dakota	1,693	784	28	542	8,350	902	440	204
Nebraska	3,006	2,668	85	1,712	23,932	1,904	1,253	803
Kansas	4,265	2,041	89	1,811	24,799	2,709	1,702	953
South Atlantic	26,363	21,928	1,083	21,288	306,176	14,921	17,376	9,089
Delaware	417	807	36	671	7,025	193	284	143
Maryland	3,038	2,584	141	2,614	35,330	1,833	2,209	1,105
District of Columbia	1,000	1,420	77	1,507	16,733	459	761	584
Virginia	3,362	2,577	134	2,700	41,047	1,821	2,213	1,223
West Virginia	1,823	1,065	67	1,351	17,830	848	1,339	648
North Carolina	4,762	4,184	163	3,334	50,617	2,540	2,957	1,517
South Carolina	2,016	1,341	56	1,089	18,490	1,220	1,256	634
Georgia	4,496	4,548	201	3,910	54,247	2,724	2,658	1,599
Florida	5,309	3,402	207	4,112	64,857	2,983	3,699	1,736
East South Central	11,278	10,264	421	8,208	122,389	7,784	7,161	4,773
Kentucky	2,720	2,180	104	2,030	29,997	1,846	1,721	965
Tennessee	3,877	4,564	166	3,261	47,011	2,584	2,531	2,244
Alabama	2,818	2,327	104	2,034	30,135	2,041	1,814	1,021
Mississippi	1,863	1,184	46	883	15,246	1,313	1,095	644
West South Central	22,971	17,244	813	16,328	218,225	15,261	14,413	8,858
Arkansas	1,965	999	48	916	14,427	1,437	1,140	507
Louisiana	3,634	2,922	147	2,911	40,490	2,231	2,442	1,667
Oklahoma	3,627	2,273	101	2,082	27,224	2,434	2,098	989
Texas	13,745	11,050	517	10,419	136,084	9,159	8,738	5,695
Mountain	10,019	5,853	296	6,195	80,382	6,295	5,318	2,563
Montana	1,499	699	30	625	7,885	687	558	267
Idaho	1,273	483	27	586	10,003	824	527	182
Wyoming	568	199	9	185	2,576	366	276	97
Colorado	2,897	2,214	101	2,079	25,583	1,919	1,545	835
New Mexico	1,003	450	27	585	7,741	703	630	281
Arizona	1,285	776	44	955	12,270	802	848	410
Utah	1,174	878	48	990	12,250	746	703	367
Nevada	335	154	9	190	2,074	248	231	109
Pacific	28,307	25,184	1,404	29,106	319,885	18,684	19,107	11,755
Washington	4,658	3,458	201	4,109	48,617	2,615	2,796	1,725
Oregon	2,995	2,432	125	2,590	29,068	2,011	1,936	1,281
California	19,876	18,617	1,024	21,513	231,333	13,640	13,531	8,413
Alaska	184	95	6	129	981	83	100	41
Hawaii	594	582	38	765	9,886	335	445	294

¹ 1954 includes, and 1958 excludes, ready-mixed concrete distributors.

SUMMARY, BY STATES: 1954 AND 1958

1958 ¹								STATE	
Total wholesale trade						Merchant whole-salers			
Establishments	Sales	Payroll, entire year	Payroll, work-week ended nearest Nov. 15	Paid employees, work-week ended nearest Nov. 15	Active proprietors of unincor-porated busi-nesses	Establishments	Sales		
287,043	Mil. dol. 285,727	Mil. dol. 13,245	\$1,000 270,072	2,807,661	157,929	190,492	Mil. dol. 122,062	United States.	
15,848	13,755	752	14,717	159,678	6,623	12,025	6,475	New England.	
1,494	848	49	968	12,783	685	1,069	442	Maine.	
759	306	25	498	5,906	349	553	224	New Hampshire.	
402	231	15	282	3,697	256	340	126	Vermont.	
8,441	8,678	430	8,506	88,667	3,304	6,400	3,855	Massachusetts.	
1,353	1,005	56	1,114	12,811	593	1,125	518	Rhode Island.	
3,309	2,508	168	3,348	35,814	1,436	2,538	1,310	Connecticut.	
64,779	79,678	3,428	68,503	664,003	35,711	50,284	35,148	Middle Atlantic.	
40,125	54,894	2,176	43,177	405,239	19,440	31,356	24,707	New York.	
8,236	8,477	451	9,016	87,794	4,303	6,602	3,903	New Jersey.	
16,418	16,307	801	16,310	170,970	11,968	12,326	6,448	Pennsylvania.	
55,253	59,346	2,790	56,636	560,337	29,961	35,116	22,740	East North Central.	
13,520	14,414	710	14,452	142,722	6,397	8,926	5,282	Ohio.	
6,697	5,231	272	5,433	55,824	3,437	3,892	2,096	Indiana.	
17,916	23,564	1,025	21,029	201,518	10,324	11,437	9,111	Illinois.	
10,707	11,600	547	10,928	105,273	6,784	7,021	4,167	Michigan.	
6,323	4,536	236	4,794	52,000	3,019	3,840	2,084	Wisconsin.	
33,220	28,100	1,151	23,305	252,128	16,969	15,544	10,418	West North Central.	
6,773	6,538	280	5,707	58,922	3,181	3,350	2,668	Minnesota.	
6,286	4,496	163	3,293	39,158	3,633	2,682	1,572	Iowa.	
8,428	9,593	427	8,559	86,902	4,437	4,873	3,534	Missouri.	
2,142	1,004	39	779	9,202	624	567	338	North Dakota.	
1,828	953	33	671	8,553	749	606	242	South Dakota.	
3,186	2,969	96	1,922	22,850	1,798	1,446	911	Nebraska.	
4,577	2,545	113	2,375	26,541	2,547	2,011	1,153	Kansas.	
31,767	28,488	1,390	28,489	337,500	16,985	21,434	11,628	South Atlantic.	
542	804	46	885	7,459	225	380	176	Delaware.	
3,363	3,313	166	3,311	37,297	1,925	2,475	1,317	Maryland.	
1,202	1,676	91	1,807	17,882	478	867	708	District of Colum-bia.	
3,317	3,489	170	3,458	42,800	1,927	2,523	1,518	Virginia.	
2,038	1,321	79	1,594	18,879	909	1,519	654	West Virginia.	
5,741	5,026	211	4,467	54,441	3,557	3,635	1,855	North Carolina.	
2,387	1,605	73	1,467	20,027	1,493	1,535	769	South Carolina.	
5,445	5,741	254	5,261	58,337	2,954	3,310	1,027	Georgia.	
7,232	5,512	209	6,239	80,378	3,517	5,190	2,704	Florida.	
13,367	11,959	521	10,647	131,880	9,042	8,680	5,522	East South Central.	
3,220	2,564	120	2,519	31,554	2,188	2,069	1,150	Kentucky.	
4,490	5,153	208	4,154	50,095	3,064	2,980	2,358	Tennessee.	
3,303	2,853	134	2,769	34,059	2,320	2,241	1,303	Alabama.	
2,264	1,389	59	1,204	16,172	1,470	1,390	711	Mississippi.	
27,044	22,293	1,051	21,735	245,627	16,348	17,531	10,923	West South Central.	
2,298	1,164	55	1,133	15,114	1,464	1,364	610	Arkansas.	
4,501	4,076	192	4,016	46,473	2,603	3,145	2,031	Louisiana.	
3,930	2,664	126	2,665	29,330	2,538	2,438	1,223	Oklahoma.	
16,255	14,390	678	13,921	154,710	9,743	10,584	7,059	Texas.	
11,860	7,873	390	8,220	92,973	6,032	6,762	3,482	Mountain.	
1,606	763	35	678	8,366	495	678	314	Montana.	
1,468	669	34	841	11,131	655	652	253	Idaho.	
1,632	211	11	243	2,730	300	333	114	Wyoming.	
3,325	2,955	132	2,732	29,912	1,920	1,879	1,065	Colorado.	
1,270	665	37	786	8,641	722	852	412	New Mexico.	
1,748	1,214	68	1,471	16,330	960	1,202	670	Arizona.	
1,402	1,197	61	1,230	13,388	738	884	516	Utah.	
409	199	12	241	2,480	242	282	137	Nevada.	
33,905	34,237	1,772	37,820	363,530	20,258	23,116	15,726	Pacific.	
5,287	4,316	231	4,829	49,198	2,571	3,237	2,076	Washington.	
3,501	3,259	148	3,069	30,663	2,046	2,261	1,756	Oregon.	
24,090	25,906	1,348	28,963	273,349	15,174	16,854	11,495	California.	
254	138	9	182	1,478	89	168	68	Alaska.	
703	618	36	777	8,842	378	596	331	Hawaii.	

Source: Dept. of Commerce, Bureau of the Census; U.S. Census of Business: 1958, Wholesale Trade, Vol. IV.

No. 1190. WHOLESALE TRADE—TYPE OF OPERATION AND KIND OF BUSINESS: 1954 AND 1958
 [Excludes Alaska and Hawaii]

TYPE OF OPERATION AND KIND OF BUSINESS	TOTAL WHOLESALE TRADE						MERCHANT WHOLESALEERS	
	Establishments	Sales	Payroll, entire year	Payroll, workweek ended nearest Nov. 15	Paid employees, workweek ended nearest Nov. 15	Active proprietors of unincorporated businesses	Establishments	Sales
1954 ¹		Mil. dol.	Mil. dol.	\$1,000				Mil. dol.
Wholesale trade, total	252,318	234,974	11,021	216,084	2,590,236	151,213	165,153	101,101
TYPE OF OPERATION								
Merchant wholesalers	165,153	101,101	7,018	137,000	1,686,501	105,270		
Manufacturers' sales branches, sales offices	22,500	69,534	2,605	51,695	515,876	110		
Petroleum bulk stations, terminals, LP gas facilities	29,180	16,028	540	10,628	132,554	22,206		
Merchandise agents, brokers	22,131	39,251	531	10,091	131,308	17,287		
Assemblers of farm products	13,255	9,061	328	6,671	123,997	6,340		
KIND OF BUSINESS								
Motor vehicles, automotive equipment	17,386	14,341	806	15,952	192,063	10,583	15,540	3,978
Drugs, chemicals, allied products	8,543	12,782	595	11,809	127,813	2,937	5,837	3,370
Dry goods, apparel	12,029	13,240	530	10,063	105,624	7,323	9,389	5,690
Groceries and related products	42,162	44,057	1,819	35,181	493,152	30,610	29,795	22,058
Farm products—raw materials	16,088	26,900	359	7,420	133,787	9,244	3,853	9,232
Electrical goods	10,159	12,743	731	14,375	151,198	4,373	7,123	6,338
Hardware, plumbing, heating equip., supplies	9,702	6,224	548	10,542	123,522	4,999	8,043	4,882
Machinery, equipment, supplies	29,258	13,513	1,197	23,414	257,811	16,155	25,290	9,556
Metals, minerals (except petroleum products, scrap)	6,743	19,551	501	9,836	94,566	2,107	3,935	4,157
Petroleum bulk stations, terminals	29,189	16,038	540	10,628	132,554	22,206		
Scrap, waste materials	8,237	2,491	226	4,402	68,142	7,677	8,189	2,406
Tobacco, tobacco products	3,039	4,830	121	2,286	32,250	2,466	2,858	3,209
Beer, wine, distilled alcoholic beverages	7,566	7,843	402	7,701	84,653	5,102	7,309	5,687
Paper, paper products, except wall-paper	5,722	5,483	323	6,278	68,688	2,889	4,864	2,915
Furniture, home furnishings	6,069	3,345	257	4,886	55,911	3,538	4,815	2,082
Lumber, construction materials	12,407	10,513	694	13,867	155,146	5,647	10,314	6,586
Other miscellaneous products	28,019	21,079	1,374	27,354	313,326	13,357	17,999	8,957
1958 ¹								
Wholesale trade, total	285,996	284,971	13,199	269,113	2,797,341	157,462	189,728	121,661
TYPE OF OPERATION								
Merchant wholesalers	189,728	121,661	8,244	167,881	1,834,474	119,698		
Manufacturers' sales branches, sales offices	25,181	87,757	3,225	65,935	550,881	488		
Petroleum bulk stations, terminals, LP gas facilities	30,424	20,131	649	12,880	139,366	7,985		
Merchandise agents, brokers	26,567	46,423	745	14,957	148,395	21,202		
Assemblers of farm products	14,096	8,999	335	7,459	113,225	8,089		
KIND OF BUSINESS								
Motor vehicles, automotive equipment	23,054	23,488	1,132	23,263	244,259	14,833	20,823	7,008
Drugs, chemicals, allied products	10,257	16,577	760	15,240	144,030	3,621	7,007	4,641
Dry goods, apparel	12,014	13,574	588	11,426	110,124	6,995	9,199	5,901
Groceries and related products	42,555	49,061	1,994	40,737	473,443	32,963	30,022	25,201
Farm products—raw materials	17,311	28,584	390	8,658	116,896	11,099	4,195	9,594
Electrical goods	13,228	16,444	935	18,842	179,073	5,260	4,988	7,928
Hardware, plumbing, heating equipment, supplies	11,485	7,913	665	13,157	136,666	5,529	9,492	5,920
Machinery, equipment, supplies	41,623	25,740	2,275	46,486	435,686	18,577	30,627	12,647
Metals, minerals (except petroleum products, scrap)	7,466	22,104	605	12,490	105,336	2,228	4,792	5,541
Petroleum bulk stations, terminals	30,424	20,131	649	12,880	139,366	7,985		
Scrap, waste materials	9,642	3,120	259	5,595	73,789	9,068	9,491	2,898
Tobacco, tobacco products	2,953	5,439	138	2,597	33,098	2,304	2,759	3,668
Beer, wine, distilled alcoholic beverages	7,829	8,726	464	8,997	87,199	5,633	7,325	6,530
Paper, paper products, except wall-paper	6,512	6,659	409	8,291	79,728	2,870	5,182	3,564
Furniture, home furnishings	6,946	4,814	328	6,796	69,077	3,699	5,359	2,510
Lumber, construction materials	11,689	10,551	591	12,655	126,884	5,147	9,463	6,272
Other miscellaneous products	31,008	22,046	1,019	21,003	238,292	19,656	24,414	11,748

¹ 1954 includes, and 1958 excludes, ready-mixed concrete distributors.

Selected Services

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No. 1191. SELECTED SERVICES—SIZE OF ESTABLISHMENT AND LEGAL FORM OF ORGANIZATION: 1958

[Excludes Alaska and Hawaii. Discrepancies in figures identified after the tabulation process was completed have been corrected only at the level significantly affected; hence, detail may not add to total]

ITEM	Establishments	Receipts	Payroll, entire year	PAYROLL, WORK- WEEK ENDED NEAREST NOV. 15		PAID EMPLOYEES, WORKWEEK ENDED NEAREST NOV. 15		Active proprietors of unincor- porated busi- nesses
				Total	Full work- week	Total	Full work- week	
All establishments.....	975,250	Mil. dol. 32,376	\$1,000 9,006,240	\$1,000 166,801	\$1,000 156,480	2,889,183	2,506,508	991,817
RECEIPTS SIZE ¹								
Operated entire year.....	910,019	30,726	8,543,270	157,914	147,994	2,692,450	2,324,808	887,538
With annual receipts of—								
Less than \$2,000.....	5,974	11,124	3,023,138	53,338	50,869	715,056	643,521	1,284
\$2,000.....	5,590	2,125	774,019	13,688	12,932	217,667	191,994	1,892
\$3,000 to \$4,000.....	32,622	5,275	1,811,098	33,060	31,070	568,224	496,284	18,532
\$5,000 to \$9,000.....	50,258	3,475	1,128,615	21,344	19,922	394,765	339,139	41,036
\$10,000 to \$14,000.....	66,957	2,538	699,963	13,496	12,555	265,502	226,291	65,018
\$15,000 to \$19,000.....	72,894	1,743	434,916	8,424	7,770	177,276	140,165	74,203
\$20,000 to \$29,000.....	63,127	1,061	231,508	4,544	4,140	102,658	84,484	64,992
\$30,000 to \$49,000.....	104,872	1,234	203,492	4,449	3,987	109,370	88,041	107,553
\$50,000 to \$99,000.....	206,738	1,380	140,484	3,315	2,839	96,339	73,984	209,835
\$100,000 to \$299,000.....	152,063	526	25,330	718	588	24,631	18,107	153,653
\$300,000 to \$499,000.....	96,705	103	9,363	295	227	10,301	7,205	97,408
\$500,000 and over.....	52,219	52	61,434	1,243	1,108	10,152	7,593	52,102
Not operated entire year.....	65,231	1,650	462,970	8,888	8,486	196,733	181,700	104,279
EMPLOYMENT SIZE								
Operated entire year.....	910,019	30,726	8,543,270	157,914	147,994	2,692,450	2,324,808	887,538
With Nov. 15 employment of—								
No paid employee.....	519,820	3,515	\$8,192					544,807
1 paid employee.....	116,776	1,647	387,301	5,528	5,070	116,776	101,041	114,399
2 paid employees.....	83,431	1,807	473,881	8,236	7,037	166,862	142,331	80,571
3 paid employees.....	49,312	1,528	423,580	7,719	7,205	174,936	126,108	46,366
4 or 5 paid employees.....	48,332	2,143	627,401	11,629	10,913	211,747	183,920	42,957
6 or 7 paid employees.....	24,900	1,573	481,102	8,931	8,393	159,780	137,267	19,902
8 or 9 paid employees.....	15,279	1,245	390,149	7,233	6,837	128,638	111,019	11,129
10 to 14 paid employees.....	20,464	2,266	716,025	13,303	12,413	238,021	201,929	12,987
15 to 19 paid employees.....	9,815	1,572	488,009	9,200	8,595	163,789	139,290	5,414
20 to 49 paid employees.....	15,305	4,193	1,388,755	26,398	24,679	449,615	387,850	7,130
50 to 99 paid employees.....	4,019	2,565	858,732	16,652	15,531	272,211	235,679	1,351
100 or more paid employees.....	2,576	6,672	2,225,053	43,085	40,711	634,075	558,372	516
Not operated entire year.....	65,231	1,650	462,970	8,888	8,486	196,733	181,700	104,279
SINGLE UNITS AND MULTIUNITS								
Single units.....	928,078	23,224	6,396,668	118,681	110,926	2,167,060	1,874,001	965,890
2-establishment multiunits.....	17,040	1,844	590,114	11,145	10,583	178,079	153,456	14,864
3-establishment multiunits.....	5,709	953	254,137	5,072	4,809	74,138	65,933	4,339
4- or 5-establishment multiunits.....	4,918	1,194	321,677	5,749	5,496	81,533	73,311	2,802
6- to 10-establishment multiunits.....	4,475	1,476	328,737	6,132	5,891	82,730	74,322	2,052
11-establishment or more multiunits.....	14,940	2,686	1,114,907	20,022	18,908	305,043	260,485	1,771
LEGAL FORM OF ORGANIZATION								
Individual proprietorships.....	786,371	10,295	2,224,350	43,005	39,720	897,688	756,366	793,323
Partnerships.....	96,509	3,940	1,057,313	19,548	18,258	388,251	335,768	198,494
Corporations.....	90,527	17,845	5,637,375	102,614	97,024	1,581,220	1,394,816	-----
Cooperatives.....	899	78	38,437	684	654	9,262	8,179	-----
Other legal forms.....	944	117	48,765	951	923	12,753	11,379	-----

¹ Establishments classified by receipts-size group after reported receipts figures had been rounded to nearest \$1,000.

Source: Dept. of Commerce, Bureau of the Census; U.S. Census of Business: 1958, Selected Services, Vol. V.

Distribution and Services

No. 1192. SELECTED SERVICES, BY KIND OF BUSINESS: 1958

[Excludes Alaska and Hawaii. Discrepancies in figures identified after tabulation process was completed have been corrected only at level significantly affected; hence, detail may not add to total]

KIND OF BUSINESS	ESTABLISHMENTS		RECEIPTS		Payroll, entire year	Paid employees, work-week ended nearest Nov. 15	Active proprietors of unincorporated businesses
	Total	With payroll	Total, all establishments	Establishments with payroll			
Selected services	975,250	442,584	Mil. dol.	Mil. dol.	\$1,000	2,889,183	991,817
Hotels, motels, tourist courts, camps	85,580	48,304	3,888	3,609	1,144,904	502,265	89,926
Hotels	29,203	20,715	2,794	2,723	956,667	403,789	28,243
Year-round hotels:							
25 or more guest rooms	n.a.	11,141	n.a.	2,363	851,807	361,596	8,899
Less than 25 guest rooms	n.a.	5,600	n.a.	119	31,254	19,375	6,022
Seasonal hotels	n.a.	3,974	n.a.	241	73,606	22,318	3,486
Motels, tourist courts	41,332	21,310	850	702	139,881	75,860	45,799
Trailer parks	8,110	2,356	103	59	12,024	4,999	9,114
Sporting, recreational camps	6,935	3,923	141	124	36,332	17,617	6,770
Personal services	411,507	181,597	7,394	6,200	2,447,346	919,476	429,535
Laundries, laundry, serv., cleaning, dyeing plants	67,920	52,296	3,300	3,185	1,447,991	554,493	70,403
Power laundries, self-service laundries	23,692	16,268	1,153	1,096	563,047	230,947	25,122
Industrial launderers	752	688	233	233	89,773	128,103	378
Linen supply	1,588	1,474	433	432	164,280	51,367	711
Diaper service	386	359	44	44	18,159	5,315	299
Laundries, exc. power and self-service	7,192	2,702	79	54	15,614	8,402	8,100
Cleaning, dyeing plants	34,311	30,805	1,357	1,327	597,113	230,359	35,793
Cleaning, dyeing plants, exc. rug cleaning	31,805	29,475	1,288	1,265	572,140	223,250	33,186
Rug cleaning, repairing plants	2,506	1,330	70	62	24,964	7,109	2,607
Beauty shops, incl. combination beauty, barber	110,395	44,953	1,028	785	342,057	140,336	115,070
Barber shops	105,056	37,744	783	474	218,457	76,183	111,576
Photo studios, incl. commercial photography	20,028	7,632	423	338	105,538	31,692	20,399
Shoe repair, shoeshine, hat cleaning shops	27,775	7,361	232	124	36,969	17,381	28,966
Funeral service, crematories	20,767	14,441	1,016	911	190,132	52,736	21,360
Pressing, alter., garment rpr.; fur rpr., strge.	39,284	29,978	407	235	58,805	28,320	41,374
Cleaning, pressing shops	35,961	11,209	368	202	49,098	23,944	38,000
Garment repair, alteration	2,232	1,086	15	12	4,263	2,365	2,332
Fur repair, storage	1,091	683	24	21	5,444	2,011	1,042
Miscellaneous personal services	20,282	4,192	205	146	47,307	18,335	20,387
Turkish baths, massage, reducing salons	2,866	830	31	23	7,690	3,218	2,790
Costume, dress suit rental	687	455	25	23	5,961	1,833	685
Rug, furniture cleaning on location	931	419	16	13	5,125	1,484	945
Coin-operated service machine establishments	433	217	16	14	3,224	859	365
Cheekroom concessions	401	259	7	7	2,408	2,209	343
Other	14,964	2,012	110	67	22,989	8,682	15,259
Miscellaneous business services	113,923	55,103	9,897	9,493	2,578,372	616,526	103,125
Advertising	12,180	7,286	4,926	4,877	2,677,201	110,895	9,779
Credit bureaus, collection agencies	6,883	5,019	341	331	160,674	47,962	5,073
Duplicating, mailing list, steno, services	8,520	2,848	222	192	78,989	28,411	8,564
Blueprinting, photocopying services	1,300	1,212	154	152	48,072	12,287	1,001
Services to dwellings, other buildings	17,460	8,078	498	451	246,801	91,127	17,319
News syndicates	868	312	99	96	45,172	6,627	715
Private employment agencies	3,802	2,746	101	93	40,418	16,783	3,657
Research, development laboratories	1,043	835	442	440	207,707	36,309	546
Testing laboratories	960	834	93	92	43,259	9,747	507
Business, management consulting services	12,705	5,003	653	593	250,526	46,805	11,728
Detective agencies, protective services	2,831	1,525	177	170	107,096	42,145	2,491
Interior decorating	4,191	671	70	35	8,672	2,278	4,474
Sign painting shops	7,110	1,790	84	54	19,103	5,037	7,450
Equipment rental	5,329	3,161	327	306	91,097	20,057	4,462
Auctioneers, establishments (service only)	2,069	311	38	23	6,058	1,842	2,136
Coin-operated machine rental, repair services	221	133	12	11	2,821	476	212
Photofinishing laboratories	1,907	1,289	265	261	75,271	19,727	1,665
Telephone answering	1,656	1,278	46	44	20,227	9,408	1,453
Window display services	1,213	257	17	10	3,573	959	1,222
Trading stamp establishments	787	777	372	372	68,416	7,765	56
Water softening services	1,298	1,032	60	57	18,318	4,568	1,188
Other	19,380	8,686	901	831	358,811	95,311	17,426
Auto repair, auto services, garages	125,240	65,160	3,853	3,309	853,822	255,891	132,159
Auto repair shops	103,724	50,172	2,759	2,262	595,543	170,453	115,039
General auto repair	70,407	30,021	1,574	1,194	293,877	89,161	73,727
Top, body repair	14,349	7,891	397	340	119,443	31,534	16,182
Battery, ignition repair and service	1,899	1,237	63	57	14,117	4,096	2,022
Radiator repair	3,147	1,539	68	55	14,877	4,466	3,473
Tire repair	4,009	2,801	297	285	52,081	14,847	4,119
Paint shops	2,991	2,105	88	82	29,705	8,292	3,285
Glass replacement, repair	1,349	1,007	69	65	15,037	3,792	1,454

n.a. Not available. ¹ Revised figure, 25,374. ² Revised figure, 652,201.

No. 1192. SELECTED SERVICES, BY KIND OF BUSINESS: 1958—Continued

[Excludes Alaska and Hawaii. Discrepancies in figures identified after tabulation process was completed have been corrected only at level significantly affected; hence, detail may not add to total]

KIND OF BUSINESS	ESTABLISHMENTS		RECEIPTS		Payroll, entire year	Paid em- ployees, work- week ended, nearest Nov. 15	Active proprie- tors of unin- corpo- rated busi- nesses
	Total	With pay- roll	Total, all estab- lish- ments	Estab- lish- ments with payroll			
Auto repair, etc.—Continued			<i>Mil. dot.</i>	<i>Mil. dot.</i>	\$1,000		
Auto repair shops—Continued							
Brake repair	1,080	802	59	56	16,466	3,714	1,128
Wheel, axle, spring repair	1,239	957	51	48	17,302	4,112	1,278
Other auto repair shops	3,254	1,722	92	79	22,638	6,449	3,421
Auto parking	10,998	8,560	366	349	106,328	35,419	7,907
Auto, truck rentals, without drivers; lease services	4,714	2,842	* 578	* 563	94,072	20,194	3,188
Auto services, except repair	5,804	3,586	150	136	57,870	29,815	6,025
Miscellaneous repair services	144,759	37,283	2,262	1,551	500,720	133,596	152,147
Electrical repair shops	51,269	12,191	763	498	150,172	40,140	54,214
Radio, television repair	37,884	8,082	478	287	84,408	23,582	40,404
Refrigerator service, repair	5,748	1,378	97	59	17,016	3,879	6,065
Other electrical repair shops	7,637	2,731	188	153	48,748	12,729	7,745
Watch, clock, jewelry repair	11,651	1,801	100	43	13,466	4,355	12,042
Reupholstery, furniture repair	15,823	5,619	226	162	48,847	16,036	17,093
Miscellaneous repair shops, related services	66,016	17,672	1,173	877	288,235	73,065	68,798
Armature rewinding, elec. motor rpr., rebldg.	3,442	2,312	226	217	72,264	16,085	3,399
Locksmith, gunsmith shops	2,468	770	28	17	4,655	1,421	2,307
Musical instrument repair	3,503	365	22	8	2,588	832	3,577
Farm machinery, equipment repair	1,152	730	27	24	5,873	1,781	1,227
Lawnmower, saw, knife, tool sharpening rpr.	4,230	990	50	34	9,947	2,758	4,521
Welding repair	11,118	3,400	190	139	41,710	11,004	11,854
Typewriter repair	716	294	12	9	2,734	763	775
Other misc. repair shops, related services	39,387	8,811	617	427	148,514	38,421	41,138
Motion pictures	19,545	17,497	2,421	2,401	714,709	196,169	11,959
Motion picture production, distr., services	3,191	2,421	1,249	1,243	443,248	53,569	1,545
Motion picture theaters	16,354	15,076	1,172	1,159	271,461	142,600	10,414
Motion picture theaters, except drive-in	12,291	11,271	938	928	224,423	117,587	7,767
Drive-in motion picture theaters	4,063	3,805	234	230	47,038	25,013	2,647
Amusement, recreation services, except motion pictures	74,696	37,640	2,661	2,407	766,367	265,260	72,966
Dance halls, studios, schools, incl. children's	6,869	3,641	125	108	41,429	21,756	7,251
Dance halls	875	547	27	25	7,892	5,275	920
Children's dance schools	2,893	1,917	26	21	6,521	5,352	2,984
Other dance schools	3,101	1,177	72	63	27,016	11,129	3,347
Bands, orchestras, entertainers	14,655	6,219	181	134	74,504	35,880	13,703
Dance bands, orchestras, exc. symphony	6,750	5,274	82	75	40,194	26,779	5,582
Entertainers (radio, TV), excl. classical	7,444	736	70	32	11,758	3,340	7,777
Symphony orchestras, opera, ballet companies	193	107	24	23	20,121	4,948	112
Other classical music groups	268	102	5	4	2,431	813	232
Theatrical presentations, services	3,212	1,762	291	280	117,708	18,379	2,683
Bowling, billiards, pool	13,916	9,292	505	471	128,557	75,031	14,340
Billiard, pool parlors	7,045	3,053	72	46	10,431	6,282	7,802
Bowling establishments	6,871	6,239	433	426	118,126	68,749	6,538
Commercial sports	6,028	1,744	542	512	132,411	30,507	5,916
Baseball, football clubs, promoters	752	486	121	119	48,320	7,800	457
Baseball clubs	200	190	55	55	27,114	2,346	33
Football clubs	20	16	15	15	6,552	934	7
Managers of individual sports contestants	84	6	1	1	180	19	81
Other sports clubs, promoters	448	274	50	48	14,474	4,501	336
Racetrack operation, incl. racing stables	5,276	1,258	422	393	84,091	22,707	5,459
Automobile racing	578	292	16	15	2,147	1,841	433
Dog racing	249	111	39	38	9,146	1,881	222
Horse racing	4,449	855	366	341	72,798	18,985	4,804
Public golf courses	851	647	39	37	11,143	3,273	776
Golf clubs, country clubs	1,213	1,091	98	96	34,397	11,446	486
Other commercial recreation	9,550	4,710	153	122	33,999	17,459	9,762
Swimming pools	1,081	775	20	18	5,312	2,964	821
Skating rinks	2,254	1,148	41	33	9,212	5,875	2,456
Boat, canoe rentals	1,736	502	18	11	2,400	991	1,873
Bathing beaches	500	422	14	14	3,997	1,518	360
Riding academies	861	399	12	9	2,399	1,092	828
Other	3,148	1,464	49	37	10,679	5,029	3,424
Other commercial amusements	18,422	8,534	726	647	192,219	51,529	18,049
Amusement parks, devices	3,682	1,936	127	114	40,468	12,066	3,425
Carnivals, circuses	801	333	37	34	8,313	2,672	791
Fairs	320	270	14	14	3,772	1,341	87
Tourist attractions	218	176	17	17	4,647	1,339	168
Coin-operated amusement devices	5,264	2,964	229	205	42,591	10,110	5,464
Other	8,137	2,855	302	284	92,428	24,001	8,114

* Revised figure, 616. * Revised figure, 601.

Distribution and Services

No. 1193. SELECTED SERVICES

[Discrepancies in figures identified after the tabulation process was completed have been

STATE	Establishments	Receipts	Payroll, entire year	Paid em- ployees, workweek ended nearest Nov. 15	Active proprie- tors of unincor- porated busi- nesses	KIND OF BUSINESS	
						Hotels, motels, tourist courts, camps	
						Establish- ments	Receipts
United States	979,195	Mil. dol. 32,506	\$1,000 9,045,596	2,904,156	995,834	85,830	Mil. dol. 3,924
New England							
Maine	61,703	1,613	460,699	160,064	58,858	5,683	228
Maine	6,333	119	30,769	13,322	6,121	1,519	37
New Hampshire	4,561	94	24,497	9,019	4,472	1,233	32
Vermont	2,670	48	11,603	4,747	2,593	736	18
Massachusetts	29,908	866	248,870	84,349	28,015	1,421	98
Rhode Island	5,043	118	32,899	12,580	4,850	160	9
Connecticut	13,188	368	112,061	36,047	12,507	614	35
Middle Atlantic	203,106	9,414	2,440,370	688,055	199,450	10,773	893
New York	109,328	6,713	1,682,739	487,382	104,559	5,849	596
New Jersey	33,157	1,037	310,164	97,549	32,262	1,857	116
Pennsylvania	60,621	1,664	447,467	153,124	62,329	3,067	180
East North Central	188,249	6,557	1,781,435	549,627	191,571	12,418	613
Ohio	50,863	1,532	433,072	139,922	50,410	2,468	138
Indiana	23,928	534	148,706	55,540	24,640	1,476	57
Illinois	54,913	2,612	700,168	196,197	56,403	2,618	239
Michigan	38,521	1,380	337,836	109,663	40,152	3,750	110
Wisconsin	20,024	499	136,653	48,305	19,966	3,106	70
West North Central	88,787	2,126	544,228	204,053	91,993	9,553	281
Minnesota	18,474	529	135,593	46,384	18,812	3,257	80
Iowa	15,057	301	72,099	29,963	15,578	1,040	36
Missouri	25,749	745	205,151	71,389	26,609	2,166	89
North Dakota	3,079	56	12,862	5,752	3,267	410	12
South Dakota	4,272	67	14,525	6,669	4,490	770	13
Nebraska	8,797	192	46,823	19,145	9,071	792	25
Kansas	13,359	237	57,175	24,751	14,166	1,148	26
South Atlantic	118,987	3,497	1,004,829	396,162	119,965	12,667	622
Delaware	2,262	68	17,926	6,018	2,182	157	7
Maryland	13,374	3,422	125,365	51,904	13,000	632	32
District of Columbia	5,566	303	104,167	33,221	5,262	120	60
Virginia	15,122	472	146,060	55,513	15,225	1,405	69
West Virginia	7,269	179	53,618	19,372	7,328	503	23
North Carolina	18,430	414	113,553	52,186	18,915	1,364	49
South Carolina	8,545	181	47,061	22,787	8,753	766	23
Georgia	15,858	432	119,263	51,187	16,274	1,114	54
Florida	32,561	1,027	277,816	103,974	33,126	6,606	306
East South Central	46,492	1,094	308,149	130,210	48,864	3,467	132
Kentucky	12,707	291	77,452	30,382	13,615	924	35
Tennessee	15,053	402	123,445	48,468	15,717	1,124	43
Alabama	11,534	256	70,445	32,610	11,929	837	29
Mississippi	7,198	146	36,807	18,750	7,603	582	25
West South Central	95,196	2,228	605,494	244,727	99,159	7,593	268
Arkansas	9,180	151	36,694	18,700	9,812	1,027	25
Louisiana	13,675	337	107,660	42,724	13,845	879	48
Oklahoma	15,906	302	75,914	30,488	16,737	1,251	32
Texas	56,435	1,388	385,226	152,815	58,765	4,436	163
Mountain	42,481	1,322	379,462	125,809	44,991	8,829	332
Montana	4,119	82	19,858	8,022	4,386	1,090	24
Idaho	3,954	82	19,223	7,552	4,174	773	19
Wyoming	2,583	57	15,089	5,369	2,805	761	23
Colorado	11,544	323	90,168	31,146	12,150	2,198	59
New Mexico	5,225	142	41,052	14,037	5,572	1,073	28
Arizona	7,742	213	56,645	21,878	8,201	1,536	52
Utah	4,689	125	30,976	11,373	4,870	623	19
Nevada	2,625	209	106,451	26,432	2,835	775	109
Pacific	134,194	4,654	1,520,930	405,449	140,983	13,877	554
Washington	16,575	437	120,624	40,056	17,184	2,255	69
Oregon	10,699	276	72,409	24,165	11,382	1,555	40
California	102,975	3,812	1,288,641	326,255	108,400	9,754	410
Alaska	875	28	8,536	2,344	986	174	8
Hawaii	3,070	101	30,820	12,629	3,021	136	28

¹ Excludes accounting, auditing, and bookkeeping.² Includes motion pictures.³ Revised figure, 460. ⁴ Revised figure, 94.

SUMMARY, BY STATES: 1958

corrected only at the level significantly affected; hence, detail may not add to total]

KIND OF BUSINESS—Continued

Personal services		Miscellaneous business services ¹		Auto repair, auto services, garages		Miscellaneous repair services		Amusement, recreation services ²		STATE
Establishments	Receipts	Establishments	Receipts	Establishments	Receipts	Establishments	Receipts	Establishments	Receipts	
Mil. dol.		Mil. dol.		Mil. dol.		Mil. dol.		Mil. dol.		
413,180	7,422	114,450	9,918	125,691	3,869	145,163	2,270	94,821	5,103	U.S.
27,669	454	7,414	366	6,722	215	8,401	125	5,814	225	N.E.
2,246	28	364	12	869	22	723	8	612	13	Maine.
1,583	20	340	8	478	14	514	5	413	14	N.H.
841	10	171	3	372	8	311	3	239	6	Vt.
14,545	245	3,957	229	2,963	98	4,146	69	2,876	127	Mass.
2,559	38	570	25	565	15	724	10	465	21	R.I.
5,895	113	2,012	89	1,475	58	1,983	30	1,209	43	Conn.
94,899	1,760	28,693	3,866	22,579	783	27,730	488	18,432	1,625	M.A.
50,336	1,007	18,671	3,181	9,618	386	14,339	264	10,015	1,278	N.Y.
14,974	300	4,333	250	3,939	133	4,883	93	3,170	143	N.J.
29,080	453	5,689	435	9,022	264	8,508	130	5,246	202	Pa.
81,894	1,561	22,067	2,398	22,657	724	28,862	424	19,351	838	E.N.C.
22,196	399	5,722	439	6,668	209	8,125	115	5,684	233	Ohio.
10,970	181	2,096	90	3,288	84	3,680	45	2,400	77	Ind.
25,622	533	7,780	1,182	5,643	223	8,064	140	5,186	292	Ill.
15,865	312	4,546	562	4,703	147	5,680	82	3,977	167	Mich.
7,232	136	1,923	125	2,355	60	3,313	42	2,095	66	Wis.
34,379	543	7,747	512	13,009	328	14,958	182	9,111	279	W.N.C.
6,290	113	1,707	170	2,400	65	2,877	38	1,853	62	Minn.
6,160	89	1,207	49	2,263	53	2,848	29	1,539	44	Iowa.
10,811	188	2,638	210	3,834	113	4,000	57	2,300	88	Mo.
1,070	15	206	7	466	9	584	6	343	7	N. Dak.
1,370	17	271	7	631	11	650	6	580	12	S. Dak.
3,369	48	670	39	1,405	31	1,523	17	1,038	31	Nebr.
5,308	73	958	29	2,010	45	2,476	29	1,458	34	Kans.
49,719	935	11,487	651	15,868	496	16,753	276	12,493	516	S.A.
1,034	18	257	11	244	11	282	4	288	16	Del.
6,072	120	1,426	99	1,694	456	1,992	33	1,558	81	Md.
2,726	67	1,220	88	537	29	525	15	438	44	D.C.
6,575	134	1,259	119	1,996	63	2,235	36	1,652	50	Va.
3,279	53	515	30	994	24	1,043	20	935	30	W. Va.
8,502	148	1,103	47	3,052	76	2,707	40	1,702	55	N.C.
3,807	61	505	23	1,430	37	1,206	16	831	21	S.C.
7,205	127	1,329	78	2,505	77	2,322	37	1,383	58	Ga.
10,519	207	3,873	155	3,416	124	4,441	75	3,706	161	Fla.
20,629	350	3,456	195	7,004	176	7,208	99	4,728	141	E.S.C.
5,387	94	986	41	1,971	47	2,001	25	1,438	48	Ky.
6,431	120	1,326	103	2,271	58	2,362	31	1,539	46	Tenn.
5,351	85	765	36	1,832	50	1,699	26	1,050	30	Ala.
3,460	51	379	15	930	21	1,146	17	701	17	Miss.
39,938	614	8,736	450	14,614	362	16,222	255	8,093	278	W.S.C.
3,962	48	526	14	1,390	26	1,402	16	873	22	Ark.
5,757	94	1,242	83	1,903	53	2,374	49	1,520	60	La.
6,050	88	1,259	50	2,454	55	2,661	37	1,331	40	Okla.
23,269	384	5,709	302	8,867	229	9,785	153	4,369	157	Tex.
13,789	247	4,182	184	5,547	172	6,066	90	4,068	297	Mt.
1,338	20	266	8	507	13	523	6	395	11	Mont.
1,327	21	326	10	491	14	696	8	341	10	Idaho.
709	12	171	4	261	6	398	6	283	6	Wyo.
3,850	70	1,337	59	1,573	53	1,527	24	1,059	60	Colo.
1,692	30	481	36	754	21	761	11	464	17	N. Mex.
2,451	49	880	31	1,063	36	1,089	19	723	26	Ariz.
1,686	28	443	24	662	20	843	13	432	20	Utah.
736	18	278	12	236	10	229	4	371	147	Nev.
50,264	959	20,668	1,295	17,691	612	18,963	331	12,731	905	Pac.
6,184	110	1,678	85	2,385	71	2,486	39	1,587	63	Wash.
3,706	67	1,188	59	1,475	47	1,762	29	1,010	34	Oreg.
38,701	754	17,275	1,130	13,380	477	14,311	255	9,554	786	Calif.
227	7	147	4	103	3	114	2	110	4	Alaska.
1,446	21	380	17	348	13	290	5	470	18	Hawaii.

Distribution and Services

No. 1194. MOTION PICTURE THEATERS—ESTABLISHMENTS, RECEIPTS, PAYROLL, AND EMPLOYEES OF REGULAR THEATERS, BY STATES: 1954 AND 1958

STATE	1954					1958				
	Establishments	Receipts ¹ (\$1,000)	Pay-roll, entire year (\$1,000)	Paid employees work- week ended nearest Nov. 15	Active proprietors of unincor- porated busi- nesses	Establish- ments	Receipts ¹ (\$1,000)	Pay-roll, entire year (\$1,000)	Paid employees work- week ended nearest Nov. 15	Active proprietors of unincor- porated busi- nesses
United States ²	14,716	1,179,371	247,476	137,311	6,896	12,291	938,164	224,423	117,587	7,767
New England	768	67,802	14,475	8,569	193	634	51,105	13,128	6,749	201
Maine	137	7,255	1,766	1,057	40	84	3,476	892	580	39
New Hampshire	72	3,524	755	512	28	65	2,384	575	350	28
Vermont	55	2,367	420	318	18	36	1,125	254	173	18
Massachusetts	297	33,538	7,115	4,060	55	267	27,554	6,939	3,344	67
Rhode Island	39	5,227	1,050	545	7	35	3,662	968	474	6
Connecticut	168	15,891	3,371	2,077	45	147	12,904	3,500	1,828	43
Middle Atlantic	2,098	276,121	62,245	29,217	680	1,850	236,865	61,070	26,657	732
New York	1,033	169,979	39,633	17,018	222	892	156,600	41,344	16,385	216
New Jersey	289	37,857	8,063	3,863	46	272	30,886	7,615	3,583	61
Pennsylvania	776	68,285	14,549	8,336	412	686	49,379	12,111	6,689	455
East North Central	2,523	219,957	48,786	24,985	1,249	2,038	161,920	40,428	20,641	1,347
Ohio	599	46,474	11,109	6,170	263	523	38,416	10,314	5,434	272
Indiana	358	25,489	6,036	3,277	172	271	17,581	4,542	2,430	186
Illinois	679	77,075	17,145	7,522	336	529	56,330	13,965	6,252	363
Michigan	514	48,145	9,592	5,043	289	418	34,510	7,972	4,265	325
Wisconsin	373	22,774	4,904	2,973	189	297	15,083	3,635	2,260	201
West North Central	2,064	101,962	19,952	13,807	1,386	1,606	68,246	15,817	10,338	1,318
Minnesota	398	21,282	4,416	2,967	271	363	17,427	4,208	2,387	302
Iowa	382	15,439	2,993	2,273	271	261	11,057	2,551	1,856	217
Missouri	433	28,312	6,392	3,841	250	318	18,049	4,662	2,684	237
North Dakota	157	5,192	749	673	126	115	3,246	580	497	116
South Dakota	142	5,134	718	603	119	122	3,172	551	466	123
Nebraska	245	10,343	1,746	1,461	172	196	5,894	1,348	1,008	163
Kansas	307	16,260	2,938	1,989	177	231	9,401	1,917	1,440	160
South Atlantic	2,019	144,874	30,020	17,445	806	1,766	122,228	27,221	15,968	1,019
Delaware	30	2,299	521	296	11	32	2,075	483	279	13
Maryland	194	16,753	4,205	2,187	71	186	16,009	4,363	2,471	75
Dist. of Columbia	60	11,209	2,564	1,100	8	50	9,951	2,371	070	14
Virginia	304	20,126	4,344	2,630	107	255	16,267	3,576	2,220	130
West Virginia	227	9,204	2,071	1,396	103	189	6,855	1,662	1,124	134
North Carolina	373	23,157	4,605	2,902	149	346	19,488	4,129	2,577	182
South Carolina	190	9,816	1,934	1,218	105	166	7,462	1,598	1,084	124
Georgia	338	22,015	4,320	2,629	152	247	15,997	3,346	2,080	193
Florida	303	30,295	5,456	3,087	100	295	28,124	5,693	3,163	164
East South Central	1,035	56,057	11,419	7,583	550	856	42,122	9,670	6,100	657
Kentucky	248	14,263	2,954	1,958	149	221	9,417	2,204	1,435	179
Tennessee	296	17,433	3,766	2,323	117	213	12,777	3,160	1,811	160
Alabama	240	14,714	2,931	1,995	116	197	11,681	2,600	1,599	177
Mississippi	251	9,647	1,768	1,307	168	225	8,247	1,706	1,255	201
West South Central	1,968	108,767	20,722	13,360	982	1,565	83,929	17,866	11,016	1,146
Arkansas	240	9,264	1,891	1,402	143	178	6,811	1,466	1,084	138
Louisiana	326	20,193	3,611	2,421	158	276	15,299	3,159	2,114	194
Oklahoma	364	15,184	2,703	1,812	205	280	12,454	2,454	1,555	213
Texas	1,038	64,126	12,517	7,725	476	842	49,365	10,787	6,263	601
Mountain	823	54,203	9,833	6,812	412	679	40,677	8,626	5,595	524
Montana	129	6,636	1,119	828	91	105	4,893	997	734	105
Idaho	119	5,747	1,090	910	66	83	3,551	756	625	78
Wyoming	63	3,891	701	475	41	47	2,466	652	386	36
Colorado	183	13,885	2,475	1,590	92	149	9,923	2,081	1,179	100
New Mexico	95	6,728	1,134	864	37	97	6,209	1,252	806	58
Arizona	85	7,074	1,365	873	12	76	5,505	1,230	749	28
Utah	108	6,439	1,271	918	56	95	5,769	1,129	841	100
Nevada	41	3,803	675	354	17	27	2,361	529	275	19
Pacific	1,418	149,628	30,024	15,533	638	1,297	131,072	30,597	14,523	823
Washington	258	19,206	3,980	2,399	139	226	13,534	3,139	1,919	185
Oregon	235	13,744	2,764	1,646	147	168	8,683	2,056	1,188	154
California	925	116,678	23,280	11,488	352	903	108,855	25,402	11,416	484

¹ Includes admissions taxes. ² Excludes Alaska and Hawaii.

No. 1195. HOTELS—SUMMARY, 1948 TO 1958, AND BY SIZE, 1954 AND 1958

[Excludes Alaska and Hawaii. Covers commercial establishments known to the public as hotels and primarily engaged in providing lodging, or lodging and meals, to the general public. For 1948, all hotels; for 1954 and 1958, hotels with payroll only]

YEAR	Number of hotels	Number of guest rooms	Receipts (\$1,000)	Paid employees ¹	Total payroll (\$1,000)
All hotels:					
1948-----	29,650	1,549,823	2,172,756	398,293	660,004
1954-----	24,778	n.a.	2,404,529	377,230	802,965
1958-----	29,203	n.a.	2,704,015	403,789	956,667
Year-round hotels with 25 or more guest rooms:					
1948-----	14,547	1,192,728	1,854,806	370,422	591,529
1954-----	11,367	1,092,470	2,075,194	354,563	728,715
1958-----	11,141	1,096,558	2,363,083	361,596	851,807
HOTELS BY SIZE-CLASS					
ITEM	Less than 25 rooms	25 to 49 rooms	50 to 99 rooms	100 to 299 rooms	300 rooms or more
1954					
Number of hotels-----	4,583	5,062	3,431	2,334	540
Receipts-----	\$1,000	83,138	154,692	260,654	689,191
Paid employees-----		11,444	25,200	47,144	123,964
1958					
Number of hotels-----	5,600	4,903	3,376	2,308	554
Receipts-----	\$1,000	119,210	174,983	293,422	753,657
Paid employees-----		19,375	28,943	49,448	126,441
n.a. Not available.					

¹ Includes data for paid executives of corporations but not for proprietors of unincorporated businesses. Represents number of employees for workweek ended nearest Nov. 15.

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Business: 1948*, Vol. VI, *U.S. Census of Business: 1954*, Vol. V, and *U.S. Census of Business: 1958*, Vol. V.

No. 1196. HOTEL OPERATIONS—OCCUPANCY RATIO, SALES INDEXES, AND ROOM RATE INDEX: 1940 TO 1963

[Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series T 361-365]

ITEM	1940	1945	1950	1955	1958	1959	1960	1961	1962	1963
Occupancy ratio (percent)-----	64	91	81	72	67	66	65	62	61	60
Sales indexes (1929=100):										
Total sales-----	85	163	192	224	233	240	240	233	231	224
Room sales-----	76	133	167	200	212	218	220	213	211	207
Restaurant sales-----	96	200	225	261	269	277	277	269	269	261
Room rate index (1929=100)-----	81	101	142	185	210	218	225	227	229	229

Source: Horwath & Horwath, New York, N.Y.; annual report, *Hotel Operations*.

No. 1197. ADVERTISING—INDEXES OF NATIONAL ADVERTISING EXPENDITURES, BY MEDIUM: 1940 TO 1963

1957-59=100. Includes Alaska and Hawaii. Base for all indexes is the average monthly expenditure for those media which give national coverage]

MEDIUM	1940	1945	1950	1955	1958	1959	1960	1961	1962	1963
General index-----	19	34	55	87	96	104	109	106	111	118
Total magazines-----	24	45	63	89	94	106	115	113	119	127
Weekly-----	23	42	58	88	94	106	116	112	115	119
Women's-----	30	60	80	100	93	104	114	116	124	135
General-----	20	35	52	79	94	110	119	119	134	146
Farm-----	34	58	105	110	94	98	90	83	88	93
Network radio-----	206	359	356	153	105	80	78	78	75	95
Network television-----			12	76	100	105	111	111	118	144
Newspapers-----	20	26	67	93	96	103	104	100	102	96
Outdoor-----	25	38	73	99	98	99	104	93	88	88
Business papers-----	14	37	45	81	95	103	110	104	108	112

Source: Compiled by McCann-Erickson, Inc., for Printers' Ink Publications, New York, N.Y. In *Printers' Ink*.

Distribution and Services

No. 1198. ADVERTISING—ESTIMATED EXPENDITURES: 1935 TO 1963

(In millions of dollars. Includes Alaska and Hawaii)

YEAR	Total	National	Local	YEAR	Total	National	Local	YEAR	Total	National	Local
1935	1,600	859	831	1945	2,875	1,775	1,099	1955	9,194	5,407	3,788
1936	1,902	1,003	899	1946	3,364	1,983	1,401	1956	9,905	5,926	3,979
1937	2,072	1,103	969	1947	4,260	2,487	1,772	1957	10,311	6,253	4,057
1938	1,904	1,031	873	1948	4,864	2,776	2,088	1958	10,302	6,331	3,971
1939	1,980	1,086	895	1949	5,202	2,965	2,237	1959	11,255	6,835	4,420
1940	2,088	1,163	925	1950	5,710	3,257	2,453	1960	11,932	7,296	4,636
1941	2,236	1,259	977	1951	6,426	3,701	2,725	1961	11,845	7,253	4,592
1942	2,156	1,212	944	1952	7,156	4,096	3,060	1962	12,381	7,661	4,720
1943	2,498	1,452	1,045	1953	7,755	4,521	3,235	1963 (prel.)	13,051	8,084	4,966
1944	2,724	1,069	1,054	1954	8,164	4,812	3,352				

Source: Compiled by McCann-Erickson, Inc., for Printers' Ink Publications, New York, N.Y. In *Printers' Ink*.

No. 1199. ADVERTISING—ESTIMATED EXPENDITURES, BY MEDIUM: 1950 TO 1963

(In millions of dollars, except percent. Includes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series R 99-102, R 110-113, and T 346-351)

MEDIUM	1950		1955		1960		1961		1962		1963 (prel.)	
	Expenditures	Percent of total										
Total	5,710	100.0	9,194	100.0	11,932	100.0	11,845	100.0	12,381	100.0	13,051	100.0
National	3,257	57.0	5,407	58.8	7,296	61.1	7,253	61.2	7,661	61.9	8,084	61.9
Local	2,453	43.0	3,788	41.2	4,636	38.9	4,592	38.8	4,720	38.1	4,966	38.1
Newspapers	2,076	36.3	3,088	33.6	3,703	31.0	3,823	30.6	3,681	29.7	3,776	29.0
National	533	9.3	743	8.1	836	7.0	802	6.8	782	6.3	766	5.9
Local	1,542	27.0	2,345	25.5	2,867	24.0	2,821	23.8	2,900	23.4	3,010	23.1
Radio	605	10.6	545	5.9	692	5.8	683	5.8	736	5.9	779	5.9
Network	196	3.4	84	0.9	43	0.4	43	0.4	46	0.4	52	0.3
Spot	136	2.4	134	1.5	222	1.8	218	1.8	229	1.8	233	1.8
Local	273	4.8	326	3.5	428	3.6	428	3.6	461	3.7	494	3.8
Television	171	3.0	1,025	11.1	1,590	13.3	1,691	14.3	1,897	15.3	2,062	15.8
Network	85	1.5	540	5.9	783	6.6	887	7.5	976	7.9	1,019	7.8
Spot	31	0.5	260	2.8	527	4.4	533	4.5	611	4.9	712	5.5
Local	55	1.0	225	2.4	281	2.3	270	2.3	311	2.5	381	2.5
Magazines	515	9.0	729	7.9	941	7.9	924	7.8	978	7.9	1,036	7.9
Weeklies	261	4.6	396	4.3	525	4.4	508	4.3	519	4.2	540	4.1
Women's	129	2.3	161	1.8	184	1.5	187	1.6	200	1.6	218	1.7
Monthlies	88	1.5	133	1.4	200	1.7	200	1.7	223	1.8	246	1.9
Farm, Nat'l.	37	0.6	39	0.4	32	0.3	29	0.2	31	0.3	33	0.2
Farm papers	21	0.4	34	0.4	35	0.3	33	0.3	34	0.3	34	0.3
Direct mail	803	14.1	1,299	14.1	1,830	15.3	1,850	15.6	1,933	15.6	2,020	15.5
Business papers	251	4.4	446	4.9	609	5.1	578	4.9	597	4.8	619	4.7
Outdoor	143	2.5	192	2.1	203	1.7	180	1.5	171	1.4	170	1.3
National	96	1.7	130	1.4	137	1.1	122	1.0	115	0.9	115	0.9
Local	46	0.8	63	0.7	66	0.6	59	0.5	56	0.5	55	0.4
Miscellaneous	1,125	19.7	1,836	20.0	2,328	19.6	2,283	19.2	2,359	19.1	2,555	19.6
National	610	10.7	1,040	11.3	1,368	11.5	1,296	10.9	1,400	11.4	1,512	11.6
Local	515	9.0	796	8.7	960	8.1	987	8.3	959	7.7	1,043	8.0

Source: Compiled by McCann-Erickson, Inc., for Printers' Ink Publications, New York, N.Y. In *Printers' Ink*.

**No. 1200. NEWSPAPER ADVERTISING—EXPENDITURES FOR NATIONAL ADVERTISING,
BY TYPE OF PRODUCT: 1960 AND 1963**

[In thousands of dollars. Includes Alaska and Hawaii. Data are compiled on basis of actual space measurements of bulk of "national" advertising carried by weekday and Sunday newspapers]

TYPE OF PRODUCT	1960	1963	TYPE OF PRODUCT	1960	1963
Total	782,149	715,523	Insurance	17,008	15,786
Air conditioning	2,364	1,322	Liquors	48,014	48,467
Airways	31,508	33,413	Magazines	10,771	6,089
Baking products	18,603	12,685	Meats and fish	9,512	9,250
Beers	12,625	13,455	Medical	23,653	20,250
Beverages	21,961	18,187	Pasenger cars (new)	113,903	111,831
Book publishers	11,444	11,378	Perfumes and cosmetics	11,231	5,142
Cereals and breakfast-foods	5,027	3,435	Public utilities	23,340	27,532
Cigarettes	31,907	17,914	Radio and television sets	5,915	6,508
Condiments	10,103	5,788	Radio and television stations	22,323	22,385
Dairy products	18,207	13,936	Railroads	5,042	4,584
Farm and garden	9,450	10,380	Refrigerators and freezers	2,713	1,830
Gasoline and oils	22,891	21,916	Soaps, cleansers, polishes	12,247	8,699
Hotels and resorts	20,903	23,000	Steamships	5,909	6,022
Household furniture and furnishings	4,812	4,833	Tires and tubes	9,234	12,150
Industrial	16,471	13,813	Toilet soaps	2,846	1,215
			Wearing apparel	10,818	13,867
			Miscellaneous	209,334	188,481

Source: Compiled by Media Records, Inc., for Bureau of Advertising of the American Newspaper Publishers Association, Inc., New York, N.Y. In *Advertising Age*.

No. 1201. NEWSPAPER ADVERTISING—LINAGE FOR 52 CITIES: 1930 TO 1963

[In thousands of lines. Represents linage in all daily and Sunday papers for the same 52 selected cities]

MONTHLY AVERAGE	Total	Classified	DISPLAY				
			Total	Auto-motive	Financial	General ¹	Retail
1930	137,854	24,913	112,941	8,932	4,938	25,254	73,817
1940	105,719	21,901	83,818	5,167	1,619	15,719	61,313
1950	203,346	42,553	160,793	10,049	2,356	32,464	115,924
1955	236,950	58,705	178,245	15,919	3,383	31,350	127,592
1960	240,718	61,268	179,450	13,767	4,519	28,808	132,356
1961	231,413	58,145	173,268	12,300	4,931	26,920	129,117
1962	233,187	60,459	172,729	12,442	4,835	25,125	130,327
1963	238,040	62,478	175,562	12,546	4,903	23,815	134,298

¹ Advertising of specific products on general sale, as distinguished from the advertising of retail stores, and automotive or financial advertising.

Source: Compiled by Media Records, Inc. Current data in Dept. of Commerce, Office of Business Economics; *Survey of Current Business*.

No. 1202. MAGAZINE ADVERTISING—REVENUE, BY TYPE OF PRODUCT: 1950 TO 1963

[In thousands of dollars. Includes Alaska and Hawaii. Represents advertising revenue of general magazines and national farm magazines. Space cost based on one-time rate; special rates used where applicable. Year-to-year data not strictly comparable, as a few minor publications are added or deleted]

TYPE OF PRODUCT	1950	1955	1959	1960	1961	1962	1963
Revenue	458,451	657,333	783,768	853,165	831,258	875,236	931,280
Apparel, footwear and accessories	39,038	51,143	48,544	56,684	53,869	54,945	57,208
Automotive, automotive accessories and equipment	41,969	61,054	80,609	93,626	83,898	94,766	101,789
Beer, wine, and liquor	26,581	34,442	50,888	50,865	51,044	54,050	56,165
Building materials, equipment and fixtures	20,064	33,301	33,900	35,840	29,620	27,824	26,776
Consumer services	11,876	23,167	34,920	39,843	42,575	44,979	46,739
Drugs and remedies	12,774	19,164	27,128	29,131	29,563	34,034	36,960
Food and food products	53,591	77,610	91,594	104,046	109,537	111,883	109,700
Household equipment and supplies	34,326	38,747	39,173	37,118	30,040	30,583	36,582
Household furnishings	24,820	30,630	27,565	30,400	25,429	29,003	29,769
Industrial materials	24,490	49,267	50,178	55,429	45,478	44,681	44,936
Insurance	8,450	16,596	21,607	26,050	28,729	28,975	27,999
Smoking materials	12,997	17,308	27,369	26,187	28,814	33,147	35,952
Toiletries and toilet goods	37,541	40,585	47,572	50,889	49,075	51,554	59,389
Travel, hotels and resorts	12,746	19,733	25,130	29,241	28,573	31,716	38,712
All other (incl. retail and direct-mail)	97,188	144,566	177,591	187,816	195,024	203,096	222,604

Source: Publishers Information Bureau, Inc., New York, N.Y.; unpublished data.

Distribution and Services

No. 1203. TELEVISION ADVERTISING—GROSS TIME CHARGES FOR NETWORK ADVERTISING: 1950 TO 1963

[In thousands of dollars. Beginning 1950, includes Alaska and Hawaii. Covers national networks; excludes regional or spot advertising (see table 1204). Basically, time charges computed at one-time rate, before application of size and frequency discounts. Beginning 1961, time charges reflect multiple contiguity discounts, where applicable. Multiple contiguity discount is earned for daytime quarter hours within a week, whether or not such quarter hours are immediately adjoining or within the same day of week. There are variations on each network. No allowance included for talent, production, and wire charges]

TYPE OF PRODUCT	1950 ¹	1955	1959	1960	1961	1962	1963
Gross time charges²	40,779	406,899	627,312	682,371	712,128	798,808	832,737
Apparel, footwear, and accessories	901	2,828	7,221	9,323	9,620	6,984	9,173
Automotive, automotive accessories and equipment	5,325	47,059	46,709	55,118	48,199	52,205	58,336
Beer, wine, and liquor	1,704	7,588	6,715	8,147	6,291	8,767	7,290
Confectionery and soft drinks	1,839	8,114	12,983	14,902	18,034	24,148	19,924
Drugs and remedies	392	28,280	74,051	84,706	86,172	105,378	116,960
Food and food products	6,602	79,989	113,100	114,746	128,275	133,666	130,527
Gasoline, lubricants, and other fuel	1,516	4,995	9,831	15,585	18,617	17,289	9,870
Household equipment and supplies	2,653	31,549	30,112	30,743	27,199	33,555	32,202
Household furnishings	2,090	2,571	4,026	5,796	3,961	3,546	3,252
Insurance	79	2,219	10,271	12,382	11,204	15,747	18,370
Radios, TV sets, phonographs, musical instruments, and accessories	3,421	8,006	5,374	5,340	2,727	5,360	4,646
Smoking materials	6,250	42,122	75,009	76,902	84,613	88,881	95,456
Soaps, cleansers, and polishes	863	46,968	67,140	69,494	70,622	83,705	87,437
Toiletries and toilet goods	4,183	74,175	102,312	111,097	121,687	147,911	161,362
All other	2,961	25,346	61,558	68,091	68,298	71,826	70,884

¹ Excludes Du Mont.

² Beginning 1959, data other than totals not strictly comparable with prior years because of different method of product classification.

Source: 1950-55, Publishers Information Bureau, Inc., New York, N.Y.; beginning 1959, Television Bureau of Advertising, Inc., New York, N.Y., from data compiled by Leading National Advertisers, Inc., and Broadcast Advertisers Reports, Inc., New York, N.Y.

No. 1204. TELEVISION ADVERTISING—GROSS TIME CHARGES FOR SPOT ADVERTISING: 1961 TO 1963

[In thousands of dollars. Includes Alaska and Hawaii. Spot television advertising, as distinguished from network advertising in table 1203, is defined as any television activity (announcement, identification, participation, or program) sponsored by a national or regional advertiser, and selected and bought on a station-by-station basis. Includes announcements between both network and nonnetwork programs as well as complete programs. Each commercial is locally originated, whereas network programs and commercials are centrally originated]

TYPE OF PRODUCT	1961	1962	1963	TYPE OF PRODUCT	1961	1962	1963
Gross time charges	617,398	721,211	871,063	Food and grocery products			
Ale, beer, and wine	52,667	57,836	70,766	Gasoline and lubricants	170,988	188,224	217,809
Automotive	15,862	23,433	32,555	Household equipment and supplies	21,746	26,118	33,018
Clothing, furnishings, accessories	10,107	10,436	16,267	Household furnishings	90,035	107,628	126,386
Confections and soft drinks	39,083	53,378	73,484	Tobacco, products and supplies	2,027	2,164	2,628
Consumer services	18,702	23,579	25,299	Watches, jewelry, cameras	29,737	29,696	38,837
Cosmetics and toiletries	59,803	74,565	90,794	All other	2,732	3,534	4,070
Dental products	16,868	17,314	16,310		42,898	50,761	58,182
Drug products	44,143	52,545	64,568				

Source: Television Bureau of Advertising, Inc., New York, N.Y., from data compiled by N.C. Rorabaugh Company, Inc.

No. 1205. ACTIVE CORPORATION EXPENDITURES FOR ADVERTISING, COMPARED WITH RECEIPTS, BY INDUSTRY: 1961

[Money figures in millions of dollars. Compiled from corporation income tax returns, excluding returns of inactive corporations. For total compiled receipts, see table 533. See headnotes and footnotes, table 533]

INDUSTRY	Number of corpora- tion returns	Receipts ¹	Advertising expenditures	
			Amount	Percent of receipts
Total.....	1,190,286	856,310	9,563	1.1
Agriculture, forestry, and fisheries.....	18,981	5,077	28	0.5
Mining.....	13,731	11,616	24	0.2
Construction.....	83,791	36,742	84	0.2
Manufacturing.....	173,558	369,911	5,260	1.4
Beverage industries.....	3,566	8,925	449	5.0
Food and kindred products.....	15,315	53,304	1,039	1.9
Tobacco manufactures.....	94	5,087	262	5.2
Textile mill products.....	6,306	13,579	87	0.6
Apparel and other finished products made from fabrics and similar materials.....	16,992	12,805	119	0.9
Lumber and wood products, exc. furniture.....	8,551	6,970	32	0.5
Furniture and fixtures.....	5,818	4,955	62	1.3
Paper and allied products.....	8,444	12,218	103	0.8
Printing, publishing, and allied industries.....	20,480	13,625	127	0.9
Chemicals and allied products.....	10,108	28,425	1,055	3.7
Petroleum refining and related industries.....	1,261	37,366	206	0.6
Rubber and miscellaneous plastics products.....	4,427	7,923	134	1.7
Leather and leather products.....	2,982	3,851	45	1.2
Stone, clay, and glass products.....	7,845	10,365	74	0.7
Primary metal industries.....	4,477	26,170	116	0.4
Fabricated metal products (incl. ordnance), exc. machinery and transportation equipment.....	18,219	20,833	181	0.9
Machinery, exc. electrical and transportation equipment.....	18,143	25,910	262	1.0
Electrical machinery, equipment, and supplies.....	7,182	23,791	336	1.5
Transportation equipment, exc. motor vehicles.....	2,419	16,663	47	0.3
Motor vehicles and motor vehicle equipment.....	2,049	23,378	200	0.9
Professional, scientific, and controlling instruments; photographic and optical goods; watches and clocks.....	3,457	6,889	164	2.4
Other manufacturing industries.....	10,423	6,702	139	2.1
Transportation, communication, electric, gas, and sanitary services.....	49,048	66,322	293	0.4
Transportation.....	37,446	29,926	140	0.5
Other.....	11,602	36,396	153	0.4
Wholesale and retail trade.....	364,947	266,419	2,784	1.0
Wholesale trade.....	123,412	130,588	787	0.6
Retail trade.....	230,243	130,057	1,929	1.5
Food.....	16,299	33,634	375	1.1
General merchandise.....	14,979	25,895	642	2.5
Apparel and accessories.....	27,379	8,736	200	2.3
Automotive dealers and gasoline service stations.....	38,128	29,264	242	0.8
Other.....	133,458	32,528	470	1.4
Wholesale and retail trade not allocable.....	11,292	5,774	68	1.2
Finance, insurance, and real estate.....	340,210	75,584	646	0.9
Banking.....	14,901	18,835	194	1.4
Insurance carriers.....	4,019	37,307	85	0.2
Real estate, exc. lessors of real property other than buildings.....	227,984	9,525	157	1.6
Other.....	93,306	14,917	210	1.4
Services.....	137,955	24,563	448	1.8
Hotels, rooming houses, camps, and other lodging places.....	13,007	2,585	62	2.4
Personal services.....	23,772	3,430	50	1.5
Business services.....	33,700	8,371	100	1.2
Automobile repair, services, and garages, and other repair services.....	20,384	2,626	23	0.9
Motion pictures.....	7,159	2,420	100	4.1
Amusement and recreation services, exc. motion pictures.....	16,913	2,165	59	2.7
Other services.....	18,020	2,966	53	1.8
Nature of business not allocable.....	8,065	76	1	1.3

¹ Comprises total receipts for finance, insurance, and real estate industries, and business receipts for all other industries.